



Flow rate Indicator / Totalizer

with linearization and analog / pulse signal outputs





The F-Series is your first and safest choice for field mount indicators in safe and hazardous area applications. Especially in harsh weather conditions like rain, snow, salty atmospheres and temperatures between -40°C up to +80°C (-40°F up to 176°F).

Advantages

- Robust aluminum or stainless steel 316L field enclosure (IP67 / NEMA Type4X). It is so rugged, a truck can even stand on it!
- Intrinsically Safe available ATEX and IECEx approval for gas and dust applications.
- Programming can be done by your own crew, with the sensible menu-driven structure, saving cost and irritation. Know one, know them all!
- Very diverse mounting possibilities: walls, pipes, panels or directly onto outdoor sensors!

Features

- 15 point linearization of the flowcurve with interpolation.
- Displays instantaneous flow rate, total and accumulated total.
- Large 17mm (0.67") digit selection for flow rate or total.
- LED backlight option.
- Selectable on-screen engineering units; volumetric or mass.
- Ability to process all types of signals: Sine wave (coil), NAMUR, NPN/PNP pulse, Reed-switch, Active pulse signals, (0)4-20mA.
- Pulse output according linearized accumulated total.
- Analog (loop powered) output according to linearized flow rate.
- Full Modbus communication RS232/485/TTL.
- Power requirements: Loop or battery powered 8 30V DC, 8 - 24V AC/DC or 115 - 230V AC.
- Sensor supply: 3 / 8.2 / 12 / 24V DC.
- Auto backup of settings and running totals.



Introduction

The F112 provides very precise linearization of the flow meters signal. In addition to the average K-Factor or Span, fifteen linearization points can be entered with there frequencies or values. The unit will interpolate between these points greatly enhancing accuracy in any flowrange. Even for very low frequency applications is catered. This linearization effects all displayed information as well as the signal outputs. A wide selection of options further enhances the capabilities of this model, which includes Intrinsic Safety and full Modbus communication.

Display

The display has large 17mm (0.67") and 8mm (0.31") digits which show flow rate and totals. On-screen engineering units are easily configured from a comprehensive menu. The linearized accumulated total can register up to 11 digits and is backed-up in EEPROM memory every minute.

Configuration

All configuration settings are accessed via a simple operator menu which can be password protected. Each setting is clearly indicated with an alphanumerical description, which avoides confusing abbreviations. Once familiar with one F-series product, you will be able to program all models in the series without a manual. All settings are safely stored in EEPROM memory in the event of sudden power failure.

Communication

All process data and settings can be read and modified manually or through the Modbus communication link (RS232 / RS485). Full Modbus functionality remains available for the Intrinsically Safe version (TTL).



Pulse output

The scaleable pulse output, reflects the count on the accumulated display. The pulse width is user defined from 0.001 second up to 9.999 seconds. The maximum output frequency is 500Hz. The output signal can be a passive NPN, active PNP or an isolated electro-mechanical relay.

Hazardous areas

This model is ATEX and IECEx certified as Intrinsically Safe for gas applications with an allowed ambient temperature of -40° C to $+70^{\circ}$ C (-40° F to $+158^{\circ}$ F) and dust applications with an allowed ambient temperature of -40° C to $+50^{\circ}$ C (-40° F to $+122^{\circ}$ F).

Analog output signal

The linearized flow rate is re-transmitted with the (0)4 - 20mA or 0 - 10V DC output signal. The output signal is updated eight times per second with a filter function being available to smoothen out the signal if desired. The output value is user defined in relation to the flow rate, e.g. 4mA equals to 15L/Hr and 20mA equals to 2000L/Hr. The output signal can be passive, active or isolated where the passive output type will loop power the F112 as well.



All info at a glance



Easy to install



Easy to program



Know one

know them all!

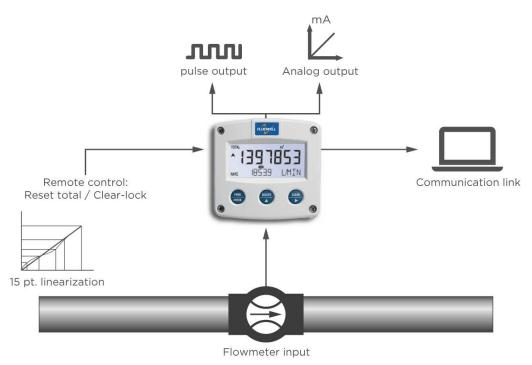
Reliable

User-friendly



Overview application F112

The F-Series is your first and safest choice for field mount indicators in safe and hazardous area applications. Especially in harsh weather conditions like rain, snow, salty atmospheres and temperatures between -40°C up to +80°C (-40°F up to 176°F). Liquid flow measurement with mechanical flow meters where a precise calculation over the full measurement range is required. Also re-transmission of the flow rate and/or totalizer functions or serial communication is desired. Alternative basic model: F016 or more advanced F118 or the E-Series explosion proof flow rate indicators.



Signal input

The F112 accepts most pulse and analog input signals for volumetric flow or mass flow measurement. The input signal type can be selected by the user in the configuration menu without having to adjust any sensitive mechanical dip-switches. The analog input is available with linear and square root calculation.

Type of signal	Resistance	Low Pass filter (LP)	Max. frequency	Max. frequency Low Pass filter (LP)	Min. amplitude P-P	Remark
NPN	100kΩ pull-up	100kΩ pull-up	6kHz Threshold 1.2V	1.2kHz		Open collector
REED	1MΩ pull-up	1MΩ pull-up	1.2kHz Threshold 1.2V	120Hz		
PNP	100KΩ pull-down	100KΩ pull-down	6kHz Threshold 1.2V	1.2kHz		
NAMUR	820Ω pull-down	-	4kHz	-		External power required
COIL LO	-	-		-	80mV _{pp}	Default sensitivity
COIL-HI					20mV _{pp}	Sensitive for
COIL-HI (Type ZF)				10mV _{pp}	interference!	
ACTIVE 8.2V DC	3K9Ω		10kHz Threshold 4V			External power required
ACTIVE 12V DC	4ΚΩ		10kHz Threshold 6V			External power required
ACTIVE 24V DC	3ΚΩ		10kHz Threshold 12V			External power required

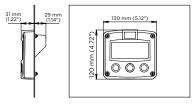


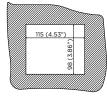
Enclosures

Various types of enclosures can be selected, all ATEX and IECEx approved. The F112 is supplied in an GRP panel mount enclosure as standard, which can be converted to an IP67 / NEMA Type4X GRP field mount enclosure by the addition of a back case. Most popular is our robust aluminum field mount enclosure which is also available with an extended backcover with undrilled preparation for direct meter mounting at the back side. It is so rugged, even a truck can stand on it! For the most challenging environments we have a durable high grade Stainless steel 316L enclosure. All enclosures have a IP67 / NEMA Type4X rating and EU or U.S. cable gland entry threads available.

Dimensions enclosures

Aluminum & GRP panel mount enclosure

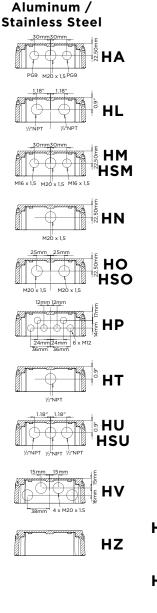


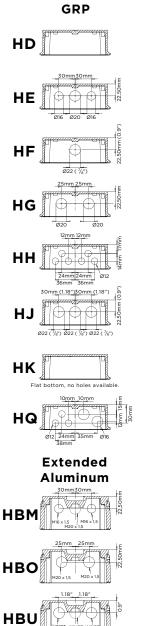


HB & HC enclosures

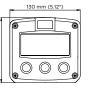
panel cut-out

Cable entries



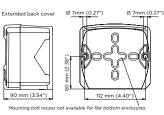


Aluminum, GRP & Stainless steel 316L field mount enclosures

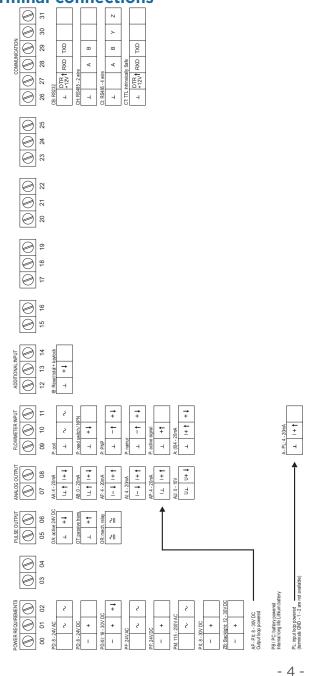


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Terminal connections





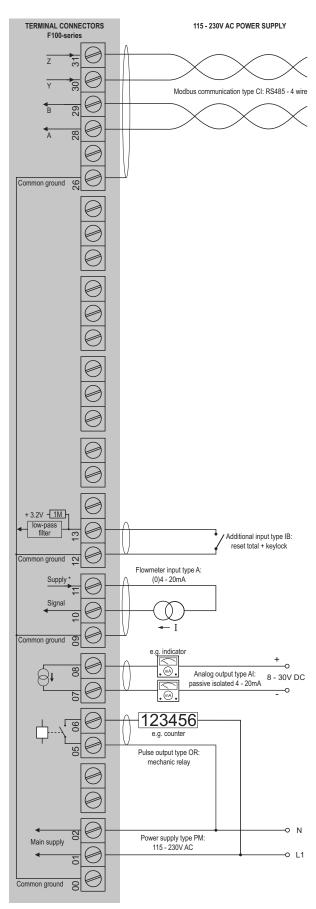
Your success counts

Configuration example F112-P-AP-CH-IB-OT-(PX)-XX-ZX

TERMINAL CONNECTORS OUTPUT LOOP POWERED F100-series Modbus communication type CH: RS485 - 2 wire B 28 A 27 \bigcirc Common ground + 3.2V - 1M low-pass filter ς Additional input type IB: reset total + keylock Common ground 3 Circuit depends on type of signal Supply Flowmeter input Signal e type: P 0 pulse \bigcirc Common ground Analog output type AP: passive 4 - 20mA (loop powered) + -0 • mA • 08 8 - 30V DC A e.g. indicator -0 Common ground e.g. counter 123456 00 (K Pulse output type OT: Common ground passive transistor Power supply type PX: 8 - 30V DC 3 (not used in this example) Common ground 8

For pulse type inputs: $V_{\rm ncr}$ 1.2V/3.0V available.- NO power output, available I_{_{\rm apply}}: <1mA. Note: using these ref. voltages at max. load, will reduce battery life significantly.





* Supply voltage: 3.2 / 8.2 / 12 / 24V DC to sensor



Hazardous area applications

The F112-XI has been certified according to ATEX and IECEx by DEKRA for use in Intrinsically Safe applications with an ambient temperature of -40°C to +70°C (-40°F to +158°F). For equipment category Dust, zone 20 (1 D / EPL Da), the maximum ambient temperature is limited to 50°C (+122°F) and a maximum dust layer thickness of 200mm.

• The ATEX markings for gas and dust applications are:

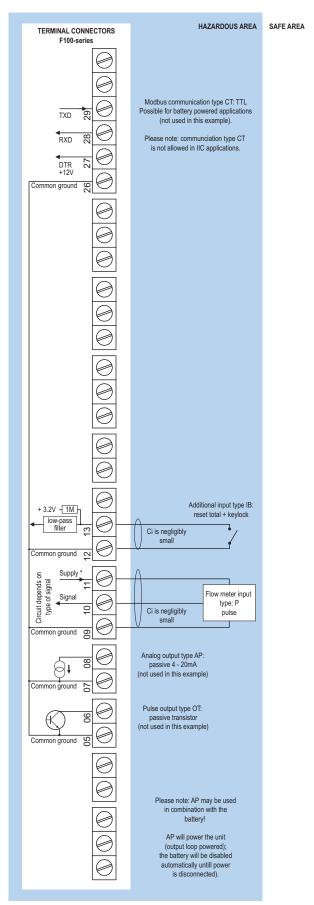
 Dust: II 1 D Ex ia IIIC T₂₀₀ 100 °C Da.
 The IECEx markings for gas and dust applications are: Gas: Ex ia IIC/IIB T4 Ga. Dust: Ex ia IIIC T₂₀₀ 100 °C Da.

Besides the I.S. power supply for the pulse output, it is allowed to connect up to three I.S. power supplies in IIB/IIIC applications or one in IIC applications. Consult the certificate for the maximum input and output values of the circuits. Full functionality of the F112 remains available, including 4 - 20mA output, pulse output and Modbus communication (type CT). Power supply type PD-XI offers a 8.2V sensor supply e.g. for one Namur sensor. An ATEX approved flame proof Ex d enclosure is available as well. Please contact your supplier for further details.

Certificate of conformity KEMA 03ATEX1074 X • IECEx DEK 11.0042X



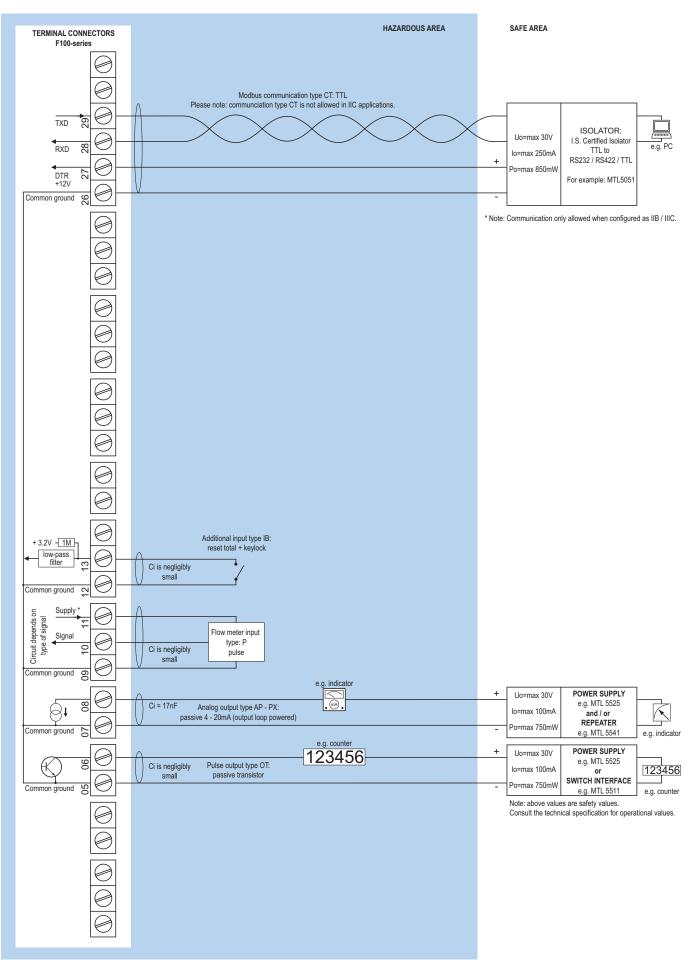
Configuration example IIB / IIIC and IIC F112-P-(AP)-(CT)-IB-(OT)-PC-XI - Battery powered unit



For pulse type inputs: V_{rei} : 1.2V/3.0V available.- NO power output, available I_{supply} : <1mA. Note: using these ref. voltages at max. load, will reduce battery life significantly.



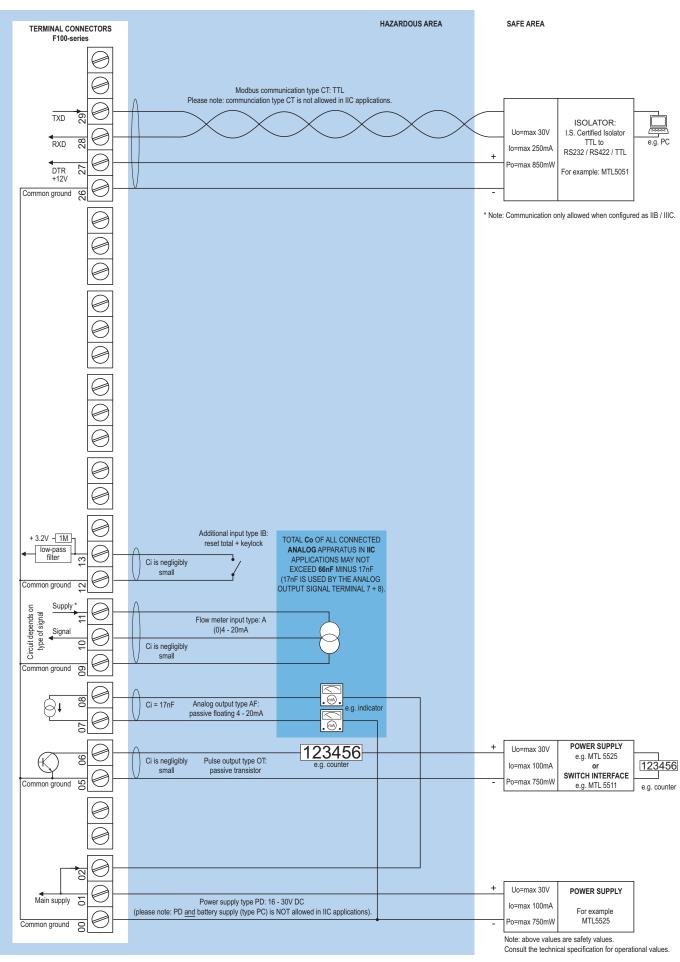
Configuration example IIB / IIIC and IIC - F112-P-AP-(CT)-IB-OT-(PX)-XI - Output loop powered



* For pulse type inputs: V_{rei}: 1.2V/3.0V available.- NO power output, available I_{supply}: <1mA. Note: using these ref. voltages at max. load, will reduce battery life significantly.



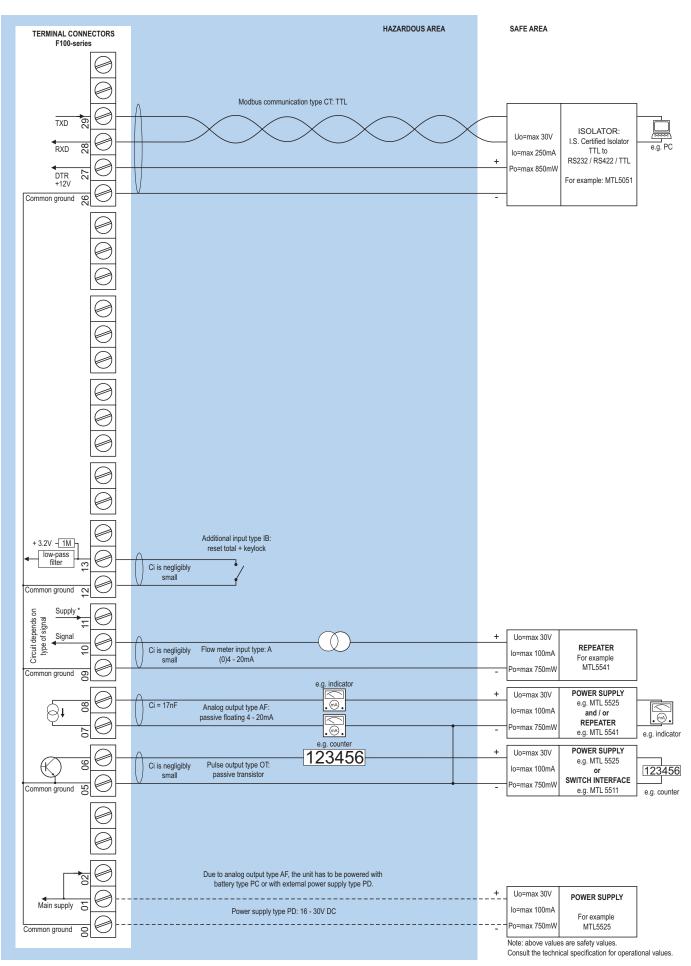
Configuration example IIB / IIIC and IIC - F112-A-AF-(CT)-IB-OT-PD-XI - Power requirement 16 - 30V DC



* Note power supply type PD: the supply voltage to pulse sensors is maximum 8.7V (Uo=max 8.7V Io=max 25mA Po=max 150mW) and to analog sensors as connected to terminal 1 (internally linked).



Configuration example IIB / IIIC - F112-A-AF-CT-IB-OT-(PC)-(PD)-XI - Power requirement 16 - 30V DC or battery powered



* Note power supply type PD: the supply voltage to pulse sensors is maximum 8.7V (Uo=max 8.7V lo=max 25mA Po=max 150mW) and to analog sensors as connected to terminal 1 (internally linked).



Technical specifications F112

Display

Туре	High intensity reflective numeric and
	alphanumeric LCD, UV-resistant.
Dimensions	90 x 40mm (3.5" x 1.6").
Digits	Seven 17mm (0.67") and eleven 8mm (0.31")
	digits. Various symbols and measuring units.
Refresh rate	User definable: fast, 1sec , 3sec, 15sec, 30sec, off.
Option ZB	Transflective LCD with white LED-backlight.
	Intensitiy can be adjusted in the configuration
	menu. Good readings in full sunlight and
	darkness.
Note ZB	Only available for safe area applications, with
	option PD, PF, PM or PX.

Ambient temperature

Safe areas	-40°C to +80°C (-40°F to +176°F).
Intrinsically Safe	-40°C to +70°C (-40°F to +158°F).
Dust, zone 20	-40°C to +50°C (-40°F to +122°F).

Terminal connections

Туре	Removable plug-in terminal strip. Wire max.
	1.5mm ² and 2.5mm ² .

Data protection

Password	Configuration settings can be password protected.
	least 10 years.
	running totals every minute. Data retention at
Туре	EEPROM backup of all settings. Backup of

Directives & Standards

EMC	Directive 2014/30/EU, FCC 47 CFR part 15.
Low voltage	Directive 2014/35/EU
RoHS	Directive 2011/65/EU
ATEX / IECEx	Directive 2014/34/EU, IEC 600079-0,
	IEC 60079-11.
IP & NEMA	EN 60529 & NEMA 250

Intrinsically Safe (Type XI)

ATEX	Gas: II 1 G Ex ia IIB/IIC T4 Ga.
	Dust: II 1 D Ex ia IIIC T ₂₀₀ 100 °C Da.
IECEx	Gas: Ex ia IIC/IIB T4 Ga.
	Dust: Ex ia IIIC T ₂₀₀ 100 °C Da.
Ambient Ta	-40°C to +70°C (-40°F to +158°F).
Dust, zone 20	-40°C to +50°C (-40°F to +122°F).

Window	Polycarbonate window.
Sealing	Silicone.
Control keys	Three industrial micro-switch keys. UV-resistant
	silicone keypad.

Panel mount enclosures

Dimensions	130 x 120 x 60mm (5.12" x 4.72" x 2.36") - W x H x D.
Panel cut-out	115 x 98mm (4.53" x 3.86") L x H.
Туре НВ	Die-cast aluminum panel mount enclosure IP65 /
	NEMA Type4X.
Weight	600 gr.
Туре НС	GRP panel mount enclosure IP65 / NEMA
	Type4X, UV-resistant and flame retardant.
Weight	450 gr.
Type HSB	Die-cast stainless steel 316L IP67 / NEMA
	Type4X.
Weight	1150gr.

GRP wall / field mount enclosures

General	GRP wall/field mount enclosure IP67 / NEMA
	Type4X, UV-resistant and flame retardant.
Dimensions	130 x 120 x 75mm (5.12" x 4.72" x 2.95") - W x H x D.
Weight	600 gr.
Type HD	Cable entry: no holes.
Type HE	Cable entry: 2 x Ø 16mm and 1 x Ø 20mm.
Type HF	Cable entry: $1 \times \emptyset$ 22mm ($\frac{7}{8}$ ").
Type HG	Cable entry: 2 x Ø 20mm.
Туре НН	Cable entry: 6 x Ø 12mm.
Type HJ	Cable entry: 3 x Ø 22mm (7/8").
Туре НК	Flat bottom, cable entry: no holes.
Type HQ	Cable entry: 2 x Ø 16mm & 3 x Ø 12mm.

Aluminum wall / field mount enclosures

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General	Die-cast aluminum wall/field mount enclosure
	IP67 / NEMA Type4X with 2-component
	UV-resistant coating.
	Extended back cover available with undrilled
	preparation for direct meter mounting.
Dimensions	130 x 120 x 75mm (5.12" x 4.72" x 2.95") - W x H x D.
	130 x 120 x 90mm (5.12" x 4.72" x 3.54") - W x H x D.
Weight	1100 gr. / extended enclosure: 1310 gr.
Туре НА	Cable entry: 2 x PG9 and 1 x M20.
Type HL	Cable entry: 2 x ½" NPT.
Type HM/HBM	Cable entry: 2 x M16 and 1 x M20.
Type HN	Cable entry: 1 x M20.
Type HO/HBO	Cable entry: 2 x M20.
Туре НР	Cable entry: 6 x M12.
Туре НТ	Cable entry: 1 x ½" NPT.
Type HU/HBU	Cable entry: 3 x $\frac{1}{2}$ " NPT.
Type HV	Cable entry: 4 x M20.
Type HZ	Cable entry: no holes.

Stainless steel 316L wall / field mount enclosures

General	Die-cast stainless steel 316L wall / field mount
	enclosure with flat bottom. IP67 / NEMA
	Type4X.
Dimensions	130 x 120 x 75mm (5.12" x 4.72" x 2.95") - W x H x D.
Weight	2700 gr.
Type HSM	Cable entry: 2 x M16 + 1 x M20.
Type HSO	Cable entry: 2 x M20.
Type HSU	Cable entry: 3 x $\frac{1}{2}$ "NPT.



Technical specifications F112

Signal inputs - Flowmeter

Signal inputs	Tiowineter
Туре Р	Coil / sine wave (HI: 20mVpp or LO: 80mVpp -
	sensitivity selectable), NPN/PNP, open collector,
	reed switch, Namur, active pulse signals 8 - 12
	and 24V DC.
Frequency	Minimum OHz - maximum 6kHz for total and
	flow rate. Maximum frequency depends on signal
	type and internal low-pass filter. E.g. reed switch
	with low-pass filter: max. frequency 120Hz.
K-Factor	0.000010 - 9,999,999 with variable decimal
	position.
Low-pass filter	Available for all pulse signals.
Option ZF	coil sensitivity 10mVpp.
Туре А	(0)4 - 20mA. Analog input signal can be scaled
	to any desired range within 0 - 20mA.
Туре U	0 - 10V DC. Contact factory.
Accuracy	Resolution: 14 bit. Error < 0.025mA / \pm 0.125% FS.
	Low level cut-off programmable.
Span	0.000010 - 9,999,999 with variable decimal
	position.
Update time	Four times per second.
Voltage drop	Type A: 2.5V @ 20mA.
Relationship	Linear and square root calculation.
Note A	For signal type A: external power to sensor is
	required; e.g. type PD.

Signal inputs - Additional input

inal input to reset total remotely.
s terminal input is closed, the "clear total"-
ion is disabled.
Ily pulled-up switch contact - NPN.
Im pulse duration 100msec.

Signal outputs - Digital output

Function	Pulse output - transmitting accumulated total.
Frequency	Max. 500Hz. Pulse width user definable between
	0.001 second up to 9.999 seconds.
Туре ОА	One active 24V DC transistor output (PNP); max.
	50mA per output (requires -PD, PF, PM or PX).
	Requires min. 24V power supply
Type OR	One electro-mechanical relay output - isolated;
	max. switch power 230V AC (N.O.) - 0.5A per
	relay (requires PF or PM).
Туре ОТ	One passive transistor output (NPN) - not
	isolated. Max. 50V DC - 300mA per output.

Signal outputs - Analog output

-	- · ·
Function	Transmitting linearized flow rate.
Accuracy	10 bit. Error < 0.05%. Analog output signal can
	be scaled to any desired range.
Update time	Eight times per second.
Туре АА	Active 4 - 20mA output (requires PD, PF, PM or PX).
Туре АВ	Active 0 - 20mA output (requires PD, PF, PM or PX).
Type AF	Passive floating 4 - 20mA output for
	Intrinsically Safe applications (requires XI + PD).
Type Al	Passive galvanically isolated 4 - 20mA output -
	also available for battery powered models.
Туре АР	Passive 4 - 20mA output - not isolated. Unit will
	be loop powered.
Type AU	Active 0 - 10V DC output (requires PD, PF, PM or
	PX). Requires min. 12V power supply.

Signal outputs - Communication option

Function	Reading display information, reading / writing all
	configuration settings.
Protocol	Modbus ASCII / RTU.
Speed	1200 - 2400 - 4800 - 9600 baud.
Addressing	Maximum 255 addresses.
Туре СВ	RS232
Туре СН	RS485 2-wire
Туре СІ	RS485 4-wire
Туре СТ	TTL Intrinsically Safe.



Technical specifications F112

Power requirements

Туре АР	Analog output loop powered, 8 - 30V DC.
	Power consumption max 0.5 Watt.
Туре РВ	Long life Lithium battery - life-time depends
	upon settings and configuration - up to 5 years.
	(requires PD, PL or PX)
Туре РС	Intrinsically Safe long life lithium battery
	life-time depends upon settings and
	configuration - up to 5 years.
	(requires XI and PD, PL or PX)
Type PD	8 - 24V AC / DC ± 10%. Power consumption
	max. 5W. Intrinsically Safe: 16 - 30V DC; power
	consumption max. 1 W.
Type PF	24V AC / DC ± 10%. Power consumption max. 15W
Type PL	Input loop powered from sensor signal 4 - 20mA
	(type "A") - requires types AI and OT (not Xi).
	Not available with option ZB.
Туре РМ	115 - 230V AC ± 10%. Power consumption max. 15W
Туре РХ	8 - 30V DC. Power consumption max. 0.75W.
Type ZB	12 - 30V DC ± 10%. Power consumption max. 1.5W.
Note PB/PF/PM	Not available Intrinsically Safe.
Note PF/PM	The total consumption of the sensors and
	outputs may not exceed 400mA @ 24V.
Note XI	For Intrinsically Safe applications, consult the
	safety values in the certificate.

Sensor excitation

Type PB/PC/PX	3V DC for pulse signals and 1.2V DC for coil pick-up.
Note PB/PC/PX	This is not a real sensor supply. Only suitable for
	sensors with a very low power consumption like
	coils (sine wave) and reed-switches.
Type PD	1.2 / 3 / 8.2 / 12 / 24V DC - max. 50mA @
	24V DC. U _{max} sensor is 2V below U _{supply}
Type PD-XI	1.2 / 3 / 8.2V DC - max. 7mA @ 8.2V DC and
	mains power supply voltage (as connected to
	terminal 1).
Note PD-XI	In case PD-XI and signal A: the sensor supply
	voltage is according to the power supply voltage
	connected to terminal 1. Also terminal 2 offers
	the same voltage.
Type PF / PM	1.2 / 3 / 8.2 / 12 / 24V DC - max. 400mA @ 24V DC.

Operator functions

Displayed info	 Linearized flow rate and / or total.
	 Linearized total and accumulated total.
	 Total can be reset to zero by pressing the
	CLEAR-key twice.
Total	
Digits	7 digits.
Units	L, m³, GAL, USGAL, kg, lb, bbl, no unit.

Decimals 0 - 1 - 2 or 3. Total can be reset to zero. Note

Accumulated total

Digits	11 digits.
Units / decimals	According to selection for total.
Note	Can not be reset to zero.

Flow rate

Digits	7 digits.
Units	mL, L, m ³ , Gallons, kg, Ton, lb, bl, cf, RND, ft ³ , scf,
	Nm ^{3,} NI, igal - no units.
Decimals	0 - 1 - 2 or 3.
Time units	/sec - /min - /hr - /day.

Mounting accessories

ACF02	Stainless steel wall mounting kit.
ACF05	Stainless steel pipe mounting kit
	(worm gear clamps not included).
ACF06	Two stainless steel worm gear clamps
	Ø 44 - 56mm.
ACF07	Two stainless steel worm gear clamps
	Ø 58 - 75mm.
ACF08	Two stainless steel worm gear clamps
	Ø 77 - 95mm.
ACF09	Two stainless steel worm gear clamps
	Ø 106 - 138mm.
ACF11	Swivel with 25° movement from center axis for
	direct flowmeter mounting: 1" NPT to 1/2" NPT.

Intrinsically Safe isolators

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ACG01	MTL5511 - One channel pulse or switch output
	transfer from hazardous area to safe area.
ACG02	MTL5525 - One channel power supply from
	safe area to hazardous area (e.g. to power the
	unit with PD or to power a switching or analog
	device in hazardous area).
ACG03	MTL5541 - One channel 4 - 20mA repeater from
	hazardous area to safe area.
ACG04	MTL 5051 - Bi-direction serial-data-isolator
	(for Modbus communication).
ACG05	MTL5516C - Two channel pulse or switch output
	transfer from hazardous area to safe area.
ACG06	MTL5513 - One channel pulse or switch output
	transfer from hazardous area to safe area.
ACG07	MTL5546Y - One channel isolated driver
	bringing 4 - 20mA from safe area to hazardous
	area, HART transparent, OCD.

Interface P12 Prove indicator / total analog and pulse signal outputs. P10 1094 - 2000 A output - requires XX and PD, 0F, PM or PX. P10 A.A. Active A - 2000 A output - requires XX and PD, 0F, PM or PX. P10 A.T. Active A - 2000 A output - requires XX and PD, 0F, PM or PX. P10 Active A - 2000 A output - requires XX and PD, 0F, PM or PX. P10 Active A - 2000 A output - requires XX and PD, 0F, PM or PX. P10 Active A - 2000 A output - requires XX and PD, 0F, PM or PX. P10 C410 Communication R5 224 Modus ASOL/ RTU - requires XX. P10 C410 Communication R5 224 Modus ASOL/ RTU - requires XX. P11 Modus ASOL/ RTU - requires XX. C11 P11 Modus ASOL/ RTU - requires XX. C10 P11 Modus ASOL/ RTU - requires XX. C11 P11 G11 Modus ASOL/ RTU - requires XX.		Description			
IPpot P Particle input. 6.9., coli, non, pro, answ. read-switch. A Active 4 - 20mA output - requires XX and PD, PF, PM or PX. AE Active 1 - 20mA output - requires XX and PD, PF, PM or PX. AF Lis. floating 4 - 20mA output - requires XX. P passive 4 - 20mA output - requires XX. PD. Active 0 - 20mA output - requires XX. PM PM. Active 0 - 10 M output - requires XX. PM P	Model	F112	Flow rate indicator / totalizer with analog and pulse signal outputs.	Ĩ	
P Peter input, 6.g., coli, mp, pop, namu, reselventCh. Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor Processor	Inout	А	(0)4 - 20mA input.		
Poor AB Active 0 - 20mA output - requires XX and PD, PF, PM or PX. AF Ls. floating 4 - 20mA output - requires XX. AF Passive 4 - 20mA output - requires XX. AP Passive 4 - 20mA output - requires XX. AP Passive 4 - 20mA output - requires XX. AP Passive 4 - 20mA output - requires XX. CBI Communication R5 439 - Avire - Modusa ASCI / RTU - requires XX. CBI Communication R5 439 - Avire - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally Safe TLL - Modusa ASCI / RTU - requires XX. CT Intrinscally S	Input	Р	Pulse input, e.g., coil, npn, pnp, namur, reed-switch.		
AU Active 0 - 100 V DC output - requires XX and PD, PF, PM or PK. Opportunit Communication R5 232 - Mode ASGU/ RTU - requires XX. CH Communication R5 485 - Avive - Modbus ASGU/ RTU - requires XX. CI Communication R5 485 - Avive - Modbus ASGU/ RTU - requires XX. CI Communication R5 485 - Avive - Modbus ASGU/ RTU - requires XX. CI Intrinsical by Star TLL - Modbus ASGU/ RTU - requires XX. CK No communication. HE GRP panel mount enclosure. HE GRP field mount - Cable entry: 1x 80 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HA GRP field mount - Cable entry: 2x 0 20mm. HA GRP field mount - Cable entry: 2x 0 20mm. HA GRP field mount - Cable entry: 2x 0 20mm. HA Advinium field mount - Cable entry: 2x 0 20mm. HA Advinium field mount - Cable entry: 2x V21PPT. HA Advinium field mount - Cable entry: 2x V21PPT. <th rowspan="6"></th> <th>AA</th> <th>Active 4 - 20mA output - requires XX and PD, PF, PM or PX.</th> <th></th>		AA	Active 4 - 20mA output - requires XX and PD, PF, PM or PX.		
AU Autwo 0-100 VD Coublet - requires XX and PD, PF, PM or PK. Opposite Communication R5 222 - Mode XSGU / RTU - requires XX. CH Communication R5 485 - Awire - Modbus ASGU / RTU - requires XX. CH Communication R5 485 - Awire - Modbus ASGU / RTU - requires XX. CH Communication R5 485 - Awire - Modbus ASGU / RTU - requires XX. CH Communication R5 485 - Awire - Modbus ASGU / RTU - requires XX. CH GRP panel mount enclosure. HE GRP panel mount enclosure. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HA GRP field mount - Cable entry: 2 x 0 20mm. HA GRP field mount - Cable entry: 2 x 0 20mm. HA Aluminum field mount - Cable entry: 2 x 0 20mm. HA Aluminum field mount - Cable entry: 2 x 020 HA Aluminum field mount - Cable entry: 2 x 020 HA Aluminum field mount - Cable e		AB	Active 0 - 20mA output - requires XX and PD, PF, PM or PX.		
AU Active 0 - 100 V DC output - requires XX and PD, PF, PM or PK. Opportunit Communication R5 232 - Mode ASGU/ RTU - requires XX. CH Communication R5 485 - Avive - Modbus ASGU/ RTU - requires XX. CI Communication R5 485 - Avive - Modbus ASGU/ RTU - requires XX. CI Communication R5 485 - Avive - Modbus ASGU/ RTU - requires XX. CI Intrinsical by Star TLL - Modbus ASGU/ RTU - requires XX. CK No communication. HE GRP panel mount enclosure. HE GRP field mount - Cable entry: 1x 80 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HA GRP field mount - Cable entry: 2x 0 20mm. HA GRP field mount - Cable entry: 2x 0 20mm. HA GRP field mount - Cable entry: 2x 0 20mm. HA Advinium field mount - Cable entry: 2x 0 20mm. HA Advinium field mount - Cable entry: 2x V21PPT. HA Advinium field mount - Cable entry: 2x V21PPT. <td>AF</td> <td>I.S. floating 4 - 20mA output - requires XI + PD.</td> <td></td>		AF	I.S. floating 4 - 20mA output - requires XI + PD.		
AU Active 0 - 100 V DC output - requires XX and PD, PF, PM or PK. Opportunit Communication R5 232 - Mode ASGU/ RTU - requires XX. CH Communication R5 485 - Avive - Modbus ASGU/ RTU - requires XX. CI Communication R5 485 - Avive - Modbus ASGU/ RTU - requires XX. CI Communication R5 485 - Avive - Modbus ASGU/ RTU - requires XX. CI Intrinsical by Star TLL - Modbus ASGU/ RTU - requires XX. CK No communication. HE GRP panel mount enclosure. HE GRP field mount - Cable entry: 1x 80 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HF GRP field mount - Cable entry: 2x 0 20mm. HA GRP field mount - Cable entry: 2x 0 20mm. HA GRP field mount - Cable entry: 2x 0 20mm. HA GRP field mount - Cable entry: 2x 0 20mm. HA Advinium field mount - Cable entry: 2x 0 20mm. HA Advinium field mount - Cable entry: 2x V21PPT. HA Advinium field mount - Cable entry: 2x V21PPT. <td>AI</td> <td>Isolated 4 - 20 mA output - requires XX.</td> <td></td>		AI	Isolated 4 - 20 mA output - requires XX.		
AU Autwo 0-100 VD Coublet - requires XX and PD, PF, PM or PK. Opposite Communication R5 222 - Mode XSGU / RTU - requires XX. CH Communication R5 485 - Awire - Modbus ASGU / RTU - requires XX. CH Communication R5 485 - Awire - Modbus ASGU / RTU - requires XX. CH Communication R5 485 - Awire - Modbus ASGU / RTU - requires XX. CH Communication R5 485 - Awire - Modbus ASGU / RTU - requires XX. CH GRP panel mount enclosure. HE GRP panel mount enclosure. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. HA GRP field mount - Cable entry: 2 x 0 20mm. HA GRP field mount - Cable entry: 2 x 0 20mm. HA Aluminum field mount - Cable entry: 2 x 0 20mm. HA Aluminum field mount - Cable entry: 2 x 020 HA Aluminum field mount - Cable entry: 2 x 020 HA Aluminum field mount - Cable e		AP	Passive 4 - 20mA output, loop powered unit.		
HB Aluminum panel mount enclosure. HC GPP panel mount enclosure. HD GRP field mount - Cable entry: no holes. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form. HE GRP field mount - Cable entry: 2 x 90 mm. HH GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 3 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HV Aluminum field mount - Cable entry: 3 x 10/2 hrm.		AU	Active 0 - 10V DC output - requires XX and PD, PF, PM or PX.		
HB Aluminum panel mount enclosure. HC GPP panel mount enclosure. HD GRP field mount - Cable entry: no holes. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form. HE GRP field mount - Cable entry: 2 x 90 mm. HH GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 3 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HV Aluminum field mount - Cable entry: 3 x 10/2 hrm.	Communication	СВ	Communication RS 232 - Modbus ASCII / RTU - requires XX.		
HB Aluminum panel mount enclosure. HC GPP panel mount enclosure. HD GRP field mount - Cable entry: no holes. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form. HE GRP field mount - Cable entry: 2 x 90 mm. HH GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 3 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HV Aluminum field mount - Cable entry: 3 x 10/2 hrm.		СН	Communication RS 485 - 2wire - Modbus ASCII / RTU - requires XX.		
HB Aluminum panel mount enclosure. HC GPP panel mount enclosure. HD GRP field mount - Cable entry: no holes. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form. HE GRP field mount - Cable entry: 2 x 90 mm. HH GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 3 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HV Aluminum field mount - Cable entry: 3 x 10/2 hrm.		CI	Communication RS 485 - 4wire - Modbus ASCII / RTU - requires XX.		
HB Aluminum panel mount enclosure. HC GPP panel mount enclosure. HD GRP field mount - Cable entry: no holes. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form & 1 x 9 20mm. HE GRP field mount - Cable entry: 2 x 90 form. HE GRP field mount - Cable entry: 2 x 90 mm. HH GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HK GRP field mount - Cable entry: 2 x 90 form. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HA Aluminum field mount - Cable entry: 3 x 10/2 hrm. HA Aluminum field mount - Cable entry: 2 x 10/2 hrm. HV Aluminum field mount - Cable entry: 3 x 10/2 hrm.		СТ	Intrinsically Safe TTL - Modbus ASCII / RTU - requires XI.		
HC GRP panel mount enclosure. HSB Stainless steel 316L panel mount enclosure. HE GRP field mount - Cable entry: 2 x 0 16mm & 1 x 0 20mm. HE GRP field mount - Cable entry: 2 x 0 20mm. (%). HH GRP field mount - Cable entry: 2 x 0 20mm. HH GRP field mount - Cable entry: 2 x 0 20mm. HH GRP field mount - Cable entry: 2 x 0 20mm. HJ GRP field mount - Cable entry: 2 x 0 20mm. HJ GRP field mount - Cable entry: 2 x 0 20mm. HJ GRP field mount - Cable entry: 2 x 0 20mm. HA Aluminum field mount - Cable entry: 2 x 0 20mm. HA Aluminum field mount - Cable entry: 2 x 10 20mm. HA Aluminum field mount - Cable entry: 2 x 10 20mm. HA Aluminum field mount - Cable entry: 2 x 10 20mm. HM Aluminum field mount - Cable entry: 2 x 10 20mm. HN Aluminum field mount - Cable entry: 2 x 10 20mm. HN Aluminum field mount - Cable entry: 3 x 10 20mm. HN Aluminum field mount - Cable entry: 3 x 10 20mm. HN Aluminum field mount - Cable entry: 3 x 10 20mm. HN Aluminum field mount - Cable entry: 3 x 10 20mm.		сх	No communication.		
HSB Stainless steel 316L panel mount enclosure. HD GRP field mount - Cable entry: to holes. HE GRP field mount - Cable entry: 2 x 0 form & 1 x 0 20mm. HF GRP field mount - Cable entry: 2 x 0 20mm. HF GRP field mount - Cable entry: 2 x 0 20mm. HF GRP field mount - Cable entry: 2 x 0 20mm. HH GRP field mount - Cable entry: 2 x 0 20mm. HK GRP field mount - Cable entry: 2 x 0 20mm. HA Aluminum field mount - Cable entry: 2 x 0 10mm & 3 x 0 12mm. HA Aluminum field mount - Cable entry: 2 x 0 10mm & 3 x 0 12mm. HA Aluminum field mount - Cable entry: 2 x 100. HL Aluminum field mount - Cable entry: 2 x 102. HM Aluminum field mount - Cable entry: 2 x 102. HD Aluminum field mount - Cable entry: 2 x MI0. HD Aluminum field mount - Cable entry: 2 x MI0. HD Aluminum field mount - Cable entry: 2 x MI0. HD Aluminum field mount - Cable entry: 2 x MI0. HD Aluminum field mount - Cable entry: 2 x MI0. HD Aluminum field mount - Cable entry: 2 x MI0. HD Extended Alu. field/meter mount - Cable entry: 3 x // N	HC HSE HD HE HF HG HH HJ HK HQ	HB	Aluminum panel mount enclosure.		
PPO GRP field mount - Cable entry: 2 x Ø T6mm & 1 x Ø 20mm. HE GRP field mount - Cable entry: 2 x Ø 20mm. HF GRP field mount - Cable entry: 2 x Ø 20mm. HG GRP field mount - Cable entry: 3 x Ø 20mm. HH GRP field mount - Cable entry: 3 x Ø 20mm. HH GRP field mount - Cable entry: 3 x Ø 22mm (%). HJ GRP field mount - Cable entry: 3 x Ø 22mm (%). HA Aluminum field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x NDP 9 1 x M20. HL Aluminum field mount - Cable entry: 2 x NDP 9 1 x M20. HN Aluminum field mount - Cable entry: 2 x M20. HN Aluminum field mount - Cable entry: 2 x M20. HN Aluminum field mount - Cable entry: 3 x %/TNPT. HM Aluminum field mount - Cable entry: 3 x %/TNPT. HU Aluminum field mount - Cable entry: 3 x %/TNPT. HU Aluminum field mount - Cable entry: 3 x M6 + 1 x M20. HE Extended Alu. field/meter mount - Cable entry: 2 x M20. HBM Extended Alu. field/meter mount - Cable entry: 3 x %/TNPT. HU Aluminum field mount - Cable entry: 2 x M20. HBM			GRP panel mount enclosure.		
PFE GRP field mount - Cable entry: 2 x Ø 16mm & 1 x Ø 20mm. HE GRP field mount - Cable entry: 1 x Ø 22mm (%'). HG GRP field mount - Cable entry: 5 x Ø 20mm. HH GRP field mount - Cable entry: 5 x Ø 22mm (%'). HH GRP field mount - Cable entry: 5 x Ø 22mm. HH GRP field mount - Cable entry: 3 x Ø 22mm (%'). HK GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 22mm. HA Aluminum field mount - Cable entry: 2 x VGP + 1 x M20. HA Aluminum field mount - Cable entry: 2 x V/2*NPT. HN Aluminum field mount - Cable entry: 2 x V/2*NPT. HN Aluminum field mount - Cable entry: 2 x V/2*NPT. HN Aluminum field mount - Cable entry: 1 x M20. HN Aluminum field mount - Cable entry: 1 x M20. HD Aluminum field mount - Cable entry: 1 x M20. HT Aluminum field mount - Cable entry: 1 x M20. HZ Aluminum field mount - Cable entry: 2 x M6 + 1 x M20. HZ Aluminum field mount - Cable entry: 2 x M6 + 1 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HS		HSB	Stainless steel 316L panel mount enclosure.		
PF GRP field mount - Cable entry: 2 x 9 Z0mm. HF GRP field mount - Cable entry: 2 x 9 Z0mm. HH GRP field mount - Cable entry: 2 x 9 Z0mm (½"). HK GRP field mount - Cable entry: 2 x 9 Z0mm (½"). HK GRP field mount - Cable entry: 2 x 9 Z0mm (½"). HK GRP field mount - Cable entry: 2 x 9 C0P +1 x M20. HA Aluminum field mount - Cable entry: 2 x V2"NPT. HM Aluminum field mount - Cable entry: 2 x M0. HN Aluminum field mount - Cable entry: 2 x M20. HN Aluminum field mount - Cable entry: 2 x M20. HN Aluminum field mount - Cable entry: 2 x M20. HP Aluminum field mount - Cable entry: 1 x ½"NPT. HU Aluminum field mount - Cable entry: 1 x ½"NPT. HU Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HS Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HS Extended Alu. field mount - Cable entry: 2 x M16 + 1 x M20. HS Extended Alu. field mount - Cable entry: 2 x M16 + 1 x M20. HS Extended Alu. field mount - Cable entry: 2 x M16 + 1 x M20. HS Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20.		HD	GRP field mount - Cable entry: no holes.		
HG GRP field mount - Cable entry: 5 x Ø 20mm. HH GRP field mount - Cable entry: 5 x Ø 22mm (½'). HH GRP field mount - Cable entry: 3 x Ø 22mm (½'). HA GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x PG 9H 1 x M20. HA Aluminum field mount - Cable entry: 2 x PG 9H 1 x M20. HL Aluminum field mount - Cable entry: 2 x MG 1 1 x M20. HN Aluminum field mount - Cable entry: 2 x MG 1 1 x M20. HN Aluminum field mount - Cable entry: 2 x MG 1 1 x M20. HN Aluminum field mount - Cable entry: 2 x MG 1 1 x M20. HO Aluminum field mount - Cable entry: 2 x MG 1 1 x M20. HD Aluminum field mount - Cable entry: 3 x ½'?NPT. HU Aluminum field mount - Cable entry: 3 x ½'?NPT. HU Aluminum field mount - Cable entry: 2 x M20. HB Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 3 x ½'?NPT. HSM Stainless steel 316L field mount - Cable entry: 3 x ½'?NPT. HSM Stainless steel 316L field mount - Cable entry: 3 x ½'?NPT. HSM Stainless steel 316L field mount - Cable					
HH GRP field mount - Cable entry: 3 x Ø 22mm (%). HK GRP field mount - Cable entry: 2 x Ø 12mm. HK GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x Ø 16m & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x Ø 16m & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x Ø 16m & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x M20. HO Aluminum field mount - Cable entry: 1 x M20. HO Aluminum field mount - Cable entry: 1 x ½7NPT. HU Aluminum field mount - Cable entry: 1 x ½7NPT. HU Aluminum field mount - Cable entry: 2 x M20. HB Extended Alu, field/meter mount - Cable entry: 2 x M20. HB Extended Alu, field/meter mount - Cable entry: 3 x ½7NPT. HSM Stainless steel 316L field mount - Cable entry: 3 x ½7NPT. HSM Stainless steel 316L field mount - Cable entry: 3 x ½7NPT. HSM Stainless steel 316L field mount - Cable entry: 3 x ½7NPT. HSM Stainless steel 316L fi					
HJ GRP field mount - Cable entry: 3 x Ø 22mm (½"). HK GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x Ø 16m & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x Ø 16m & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x Ø 2 PG9 +11 x M20. HL Aluminum field mount - Cable entry: 2 x M20. HM Aluminum field mount - Cable entry: 2 x M20. HO Aluminum field mount - Cable entry: 5 x M20. HD Aluminum field mount - Cable entry: 3 x M20. HD Aluminum field mount - Cable entry: 3 x M20. HT Aluminum field mount - Cable entry: 3 x M20. HT Aluminum field mount - Cable entry: 3 x M20. HD Aluminum field mount - Cable entry: 3 x M20. HEM Extended Alu. field/meter mount - Cable entry: 3 x M20. HBM Extended Alu. field/meter mount - Cable entry: 3 x M20. HBM Extended Alu. field mount - Cable entry: 3 x M20. HSW Stainless steel 316L field mount - Cable entry: 3 x M20. HSW Stainless steel 316L field mount - Cable entry: 3 x M20. <					
Image: Provide a state of the stat					
HQ GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x PG9 + 1 x M20. HL Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HM Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HA Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HO Aluminum field mount - Cable entry: 1 x M20. HO Aluminum field mount - Cable entry: 2 x M20. HP Aluminum field mount - Cable entry: 3 x ½"NPT. HU Aluminum field mount - Cable entry: 3 x ½"NPT. HU Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HEBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HBD Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HBD Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HSD Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HSD Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HSD Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSM Stainless steel 316L field mount - Cable entry: 3 x ½					
Bit Aluminum field mount - Cable entry: 2 x PG9 + 1 x M20. HA Aluminum field mount - Cable entry: 2 x MI6 + 1 x M20. HM Aluminum field mount - Cable entry: 2 x MI6 + 1 x M20. HN Aluminum field mount - Cable entry: 2 x MI6 + 1 x M20. HN Aluminum field mount - Cable entry: 2 x MI6 + 1 x M20. HN Aluminum field mount - Cable entry: 2 x MI6 + 1 x M20. HP Aluminum field mount - Cable entry: 2 x MI6 + 1 x M20. HP Aluminum field mount - Cable entry: 2 x MI6 + 1 x M20. HP Aluminum field mount - Cable entry: 3 x J/*NPT. HU Aluminum field mount - Cable entry: 3 x J/*NPT. HV Aluminum field mount - Cable entry: 2 x MI6 + 1 x M20. HB Extended Alu. field/meter mount - Cable entry: 2 x MI6 + 1 x M20. HB0 Extended Alu. field/meter mount - Cable entry: 2 x MI6 + 1 x M20. HB0 Extended Alu. field/meter mount - Cable entry: 2 x MI6 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 2 x MI6 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 3 x //*NPT. K Mo emote control input. Mo emote control input. V0 No emote control input. No emote control input. </th <td></td> <td></td> <td></td>					
Provided					
HO Aluminum field mount - Cable entry: 2 x M20. HP Aluminum field mount - Cable entry: 6 x M12. HT Aluminum field mount - Cable entry: 1 x ½"NPT. HU Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HB0 Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HB0 Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HS0 Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HS0 Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. Mditional IX No remote control input IB Remote control input Cable entry: 3 x ½"NPT. Pt0 OA One active transistor output - requires XX and PD, PF, PM or PX.	S S				
Ho Aluminum field mount - Cable entry: 2 x M20. HP Aluminum field mount - Cable entry: 6 x M12. HT Aluminum field mount - Cable entry: 1 x ½"NPT. HU Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HB0 Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HB0 Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HS0 Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HS0 Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. M0 No remote control input. V No remote control input. NO Pamote control input.	sure				
Ho Aluminum field mount - Cable entry: 2 x M20. HP Aluminum field mount - Cable entry: 6 x M12. HT Aluminum field mount - Cable entry: 1 x ½"NPT. HU Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HB0 Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HB0 Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HS0 Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HS0 Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HS0 Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. M0 No remote control input. V No remote control input. NO Pamote control input.					
HP Aluminum field mount - Cable entry: 6 x M12. HT Aluminum field mount - Cable entry: 1 x ½"NPT. HU Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HBM Extended Alu. fiel/meter mount - Cable entry: 2 x M16 + 1 x M20. HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HSM Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HSU Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HSU Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU No remote control input. OA One active transistor output - requires XX and PD, PF, PM or PX. OR One mechnical rel	Enc				
HT Aluminum field mount - Cable entry: 1 x ½"NPT. HU Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 4 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HBO Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. PSU OA One active transistor output. OA One active transistor output.			-		
HU Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 4 x M20. HZ Aluminum field mount - Cable entry: 2 x MI6 + 1 x M20. HBM Extended Alu. field/meter mount - Cable entry: 2 x MI6 + 1 x M20. HBO Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M20. HSM Stainless steel 316L field mount - Cable entry: 2 x M20. HSO Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSO Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSO Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. IB Remote control input to reset total or to lock the "clear total" button. IX No remote control input. OA One active transistor output - requires XX and PD, PF, PM or PX. OT One passive transistor output. PD 8 - 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX. Al and OT.					
HV Aluminum field mount - Cable entry: 4 x M20. HZ Aluminum field mount - Cable entry: no holes. HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HBO Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. NS Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. NS Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. NS Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. NS Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. NS Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. NS Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. NS One active transistor outpu					
HZAluminum field mount - Cable entry: no holes.HBMExtended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20.HBOExtended Alu. field/meter mount - Cable entry: 2 x M20.HBUExtended Alu. field/meter mount - Cable entry: 3 x ½"NPT.HSMStainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20.HSOStainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20.HSUStainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.HSUStainless steel 316L field mount - Cable entry: 3 x ½"NPT.OAOne active transistor output - requires XX and PD.OROne mechnical relay output - requires XX and PD.PD8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC.PF24V AC/DC + sensor supply - requires XX.PLInput loop powered from sensor signal type "A" - requires XX, Al and OT.PKBasic power supply 8 - 30V DC.PKBasic power supply 9 + 30 VDC. <tr< th=""><td></td><td></td><td></td></tr<>					
HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HBO Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20. HSM Stainless steel 316L field mount - Cable entry: 2 x M20. HSO Stainless steel 316L field mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. Additional IB Remote control input to reset total or to lock the "clear total" button. IN No remote control input. OA One active transistor output - requires XX and PD, PF, PM or PX. OR One mechnical relay output - requires XX and PF or PM. OT One passive transistor output. PD 8 - 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PK Basic power supply 8 - 30V DC. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery po					
HBO Extended Alu. field/meter mount - Cable entry: 2 x M20. HBU Extended Alu. field/meter mount - Cable entry: 3 x 1/2"NPT. HSM Stainless steel 316L field mount - Cable entry: 2 x M20. HSO Stainless steel 316L field mount - Cable entry: 2 x M20. HSO Stainless steel 316L field mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 3 x 1/2"NPT. IB Remote control input to reset total or to lock the "clear total" button. IX No remote control input. OA One active transistor output - requires XX and PD, PF, PM or PX. OR One mechnical relay output - requires XX and PF or PM. OT One passive transistor output. PD 8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, Al and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - requires XX and PD or PX. P					
HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT. HSM Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HSO Stainless steel 316L field mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. IB Remote control input to reset total or to lock the "clear total" button. IX No remote control input. OA One active transistor output - requires XX and PD, PF, PM or PX. OR One mechnical relay output - requires XX and PD or PM. OT One passive transistor output. PD 8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, Al and OT. PM 115 - 230V AC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, Al and OT. PM 115 - 230V AC + sensor supply - requires XX. PL Basic power supply 8 - 30V DC. PK Basic power supply 8 - 30V DC. PK Basic power supply 8 - 30V DC. PC Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithiu					
HSM Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20. HSO Stainless steel 316L field mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. Additional IB Remote control input to reset total or to lock the "clear total" button. IB Remote control input. OA One active transistor output - requires XX and PD, PF, PM or PX. OR OR One mechnical relay output - requires XX and PF or PM. OT One passive transistor output. PD 8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.					
HSO Stainless steel 316L field mount - Cable entry: 2 x M2O. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. Additional IB Remote control input to reset total or to lock the "clear total" button. IB Remote control input. OA OA One active transistor output - requires XX and PD, PF, PM or PX. OR One mechnical relay output - requires XX and PF or PM. OT One passive transistor output. PD 8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.					
HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. Additional IB Remote control input to reset total or to lock the "clear total" button. IB No remote control input. OA One active transistor output - requires XX and PD, PF, PM or PX. OR One mechnical relay output - requires XX and PF or PM. OT One passive transistor output. PD 8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.					
Additional IX No remote control input. Image: Description of the second sec					
IX No remote control input. OA One active transistor output - requires XX and PD, PF, PM or PX. OR One mechnical relay output - requires XX and PF or PM. OT One passive transistor output. PD 8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX. YL Intrinsically cafe according ATEX and IECEX		IB		Ē.	
OR One mechnical relay output - requires XX and PF or PM. OT One passive transistor output. PD 8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.	Additional	IX	No remote control input.		
PD 8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.	AO utput NO R	OA	One active transistor output - requires XX and PD, PF, PM or PX.	ī.	
PD 8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.		OR	One mechnical relay output - requires XX and PF or PM.		
PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB PC Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.		One passive transistor output.			
PL Input loop powered from sensor signal type "A" - requires XX, AI and OT. PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.	Power	PD	8 - 24V AC/DC + sensor supply - with XI: 16 - 30V DC.	ī.	
PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX. XI Intrinsically cafe according ATEX and IECEX		PF	24V AC/DC + sensor supply - requires XX.	Ē.	
PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX. XI Intrinsically cafe according ATEX and IECEX		PL	Input loop powered from sensor signal type "A" - requires XX, AI and OT.	Ī.	
Battery PB Additional lithium battery powered (optional) - requires XX and PD or PX. PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX. XL Intrinsically safe according ATEX and IECEX.		PM	115 - 230V AC + sensor supply - requires XX.		
Battery PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX. XI Intrinsically safe according ATEX and IECEX		PX	Basic power supply 8 - 30V DC.	Ĩ	
PC Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.	Dattan	PB	Additional lithium battery powered (optional) - requires XX and PD or PX.		
XI Intrinsically safe, according ATEX and IECEx. XF Ex d enclosure - 3 keys according ATEX and IECEx.	Battery	PC	Additional lithium battery powered (optional) - Intrinsically safe - requires XI, and PD or PX.		
XF Ex d enclosure - 3 keys according ATEX and IECEx.	Hazar- dous	XI	Intrinsically safe, according ATEX and IECEx.		
		XF	Ex d enclosure - 3 keys according ATEX and IECEx.		
XX Safe area only, according CE / UKCA.		ХХ	Safe area only, according CE / UKCA.		
ZB Backlight - requires XX and PD, PF, PM or PX.	Options	ZB	Backlight - requires XX and PD, PF, PM or PX.		
ZF Coil input 10mVpp.		ZF	Coil input 10mVpp.		
O ZX No options.		ZX	No options.		



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