

Your success counts



Pressure Indicator

with very large digits





























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, IECEx, FM and CSA 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

- Displays actual pressure and measuring unit.
- Very large 26mm (1") digits.
- Piegraph indication: ten segments.
- Number of digits for pressure: $5 \frac{1}{2}$.
- LED backlight option.
- Selectable on-screen engineering units: mBar Bar PSI.
- Pressure input signals: (0)4 20mA.
- Loop or battery powered, 8 30V DC or 115 230V AC power supply.
- Sensor supply 8.2 / 12 / 24V DC.
- Auto backup of all settings.
- Explosion/flame proof available, according ATEX/IECEx.



Introduction

The F050 is is a straight forward pressure indicator. The measuring unit to be displayed is simply selected through an alfanumerical configuration menu. No adhesive labels have to be put on the outside of the enclosure: a weather proof and user friendly solution! The configuration of the Span, off-set and number of decimals is done through software functions, without any sensitive dip-switches or trimmers. A wide selection of options further enhances the capabilities of this model, including Intrinsic Safety for hazardous area applications.

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 avoids confusing abbreviations. All settings are safely stored in EEPROM memory in the event of sudden power failure.

Hazardous areas

For hazardous area applications, this model is ATEX, IECEx, FM and CSA certified as Intrinsically Safe for gas and dust applications, with an allowed ambient temperature of -40°C to +70°C (-40°F to +158°F). A flame proof Ex d enclosure with ATEX/IECEx certification is also available.



Display

The display has very large 26mm (1") digits which displays the pressure and measuring unit. As the F050 has been designed for field mounted applications, a smart display update function has been incorporated. Related to the lower temperature, the update frequency of the LCD is tuned automatically to achieve a readable display even at -40°C / -40°F.

Backlight

For those applications where readability during day and night is an issue, a white backlight is available. The intensity can be adjusted from the keyboard. The display is a transflective type, which means that a high contrast reading is guaranteed in full sunlight as well as during the night. This backlight option is also available Intrinsically Safe.



All info at a glance



Easy to install



Easy to program



Know one know them all!



Reliable





Overview application F050

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). Applications where a basic pressure measurement display is required without pressure monitoring. More sophisticated models: F053 and F190 or the D-Series DIN panel mount indicators.



Signal input

The F050 accepts (0)4 - 20mA input signals from any type of pressure measurement device. Also a 4 - 20mA input loop powered model is available.

Power requirements

Several power supply options are available to power the F050 and sensor. A battery powered version with a long life lithium battery which will last up to five years. A 4-20mA input loop powered version is available as well. A real sensor supply is offered with the 24V AC/DC or 115-230V AC power requirement options.





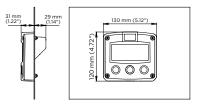


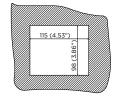
Enclosures

Various types of enclosures can be selected, all ATEX and IECEx approved. The F050 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

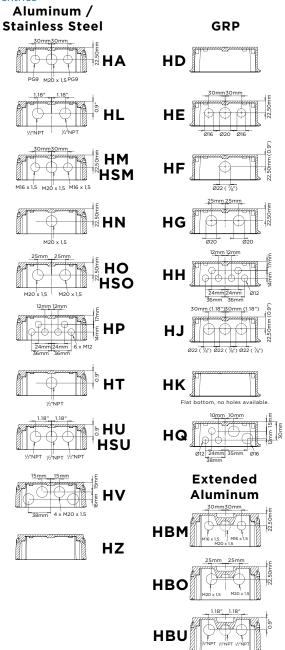




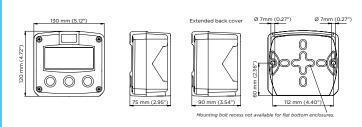
HB & HC enclosures

panel cut-out

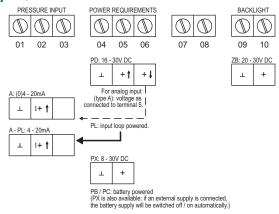
Cable entries



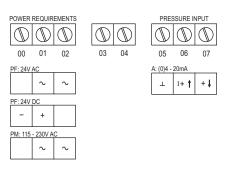
Aluminum, GRP & Stainless steel 316L field mount enclosures



Terminal connections PB/PC - PD - PL - PX

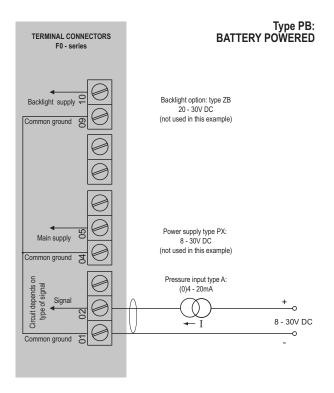


Terminal connections PF - PM



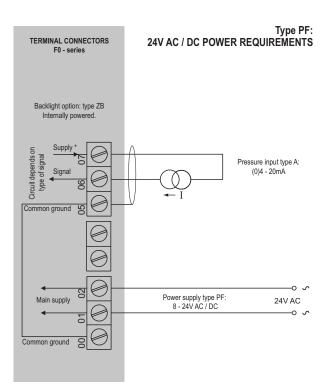


Configuration example F050-A-PB-(PX)-XX-(ZB)



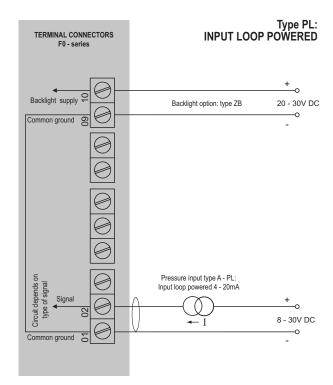
^{*} Sensor supply voltage: Terminal 3: not available.

Configuration example F050-A-PF-XX-ZB



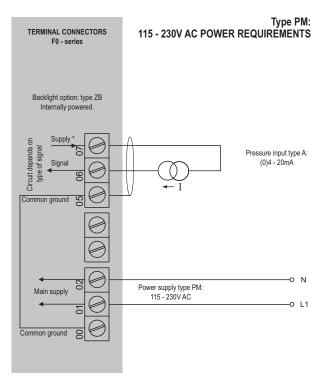
^{*} Sensor supply voltage: Terminal 7: 8.2 / 12 / 24V DC.

Configuration example F050-A-PL-XX-ZB



Sensor supply: sensor is externally powered.

Configuration example F050-A-PM-XX-ZB



^{*} Sensor supply voltage: Terminal 7: 8.2 / 12 / 24V DC.



Hazardous area applications

The F050-XI has been certified according to ATEX and IECEx by DEKRA and according CSA c-us and FM for use in Intrinsically Safe applications with an ambient temperature of -40°C to +70°C (-40°F to +158°F). For equipment category 1 D (EPL Da), -40°C to +50°C (-40°F to +122°F).

• The ATEX markings for gas and dust applications are:

Gas: II 1 G Ex ia IIC T4 Ga.

Dust: II 1 D Ex ia IIIC T₂₀₀ 100 °C Da.

• The IECEx markings for gas and dust applications are:

Gas: Ex ia IIC T4 Ga

Dust: Ex ia IIIC T₂₀₀ 100 °C Da.

• The CSA c-us markings are:

IS Class I/II/III, Division 1, Groups A to G T4.
Class 1 Zone O AEx ia IIC T4 Ga.
Ex ia IIC T4 Ga.

• The FM markings are:

IS, Class I, II, III, Division 1, Groups A to G T4. Class I, Zone O, AEx ia IIC T4

It is allowed to connect up to three I.S. power supplies to power the unit, sensor and backlight. Consult the certificate for the maximum input and output values of the circuits.

Note: Extended aluminum enclosures are not available with CSA c-us and FM approvals.

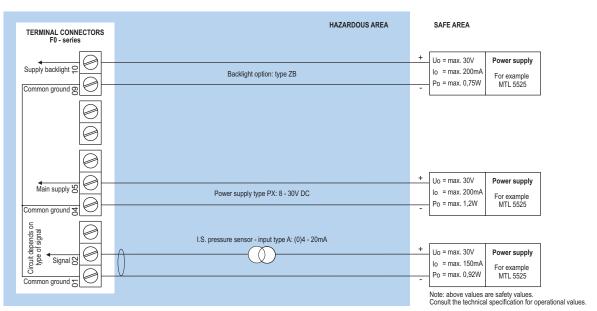
The F050-PD-XI offers the input voltage to power an analog sensor. An ATEX/IECEx approved flame proof Ex d enclosure is available as well. Please contact your supplier for further details.

Certificate of conformity KEMA 05ATEX1168 X • IECEX KEM 08.0006X

· CSA.08.2059461



Configuration example IIA - IIB and IIC - F050-A-PX-XI-ZB - Battery powered unit

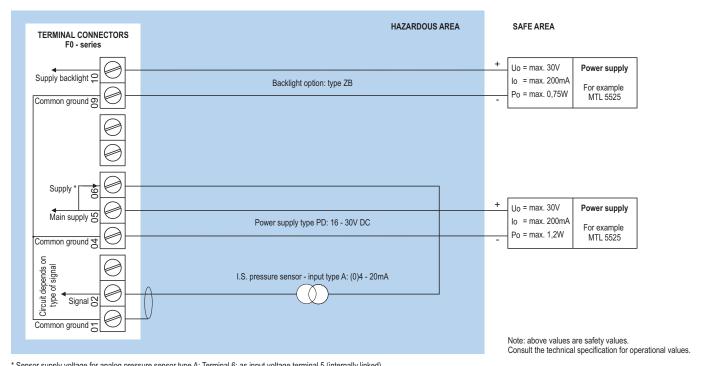


^{*} Sensor supply voltage for analog pressure sensor type A: not available in this example.

Please note: type PX may be used in combination with the battery (type PC). PX will power the unit; the battery will be disabled automatically till power is disconnected.



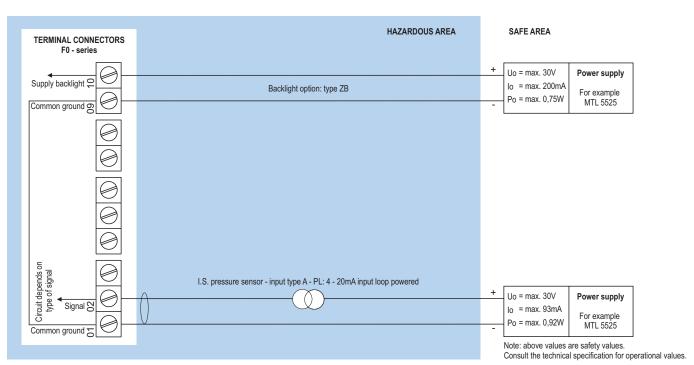
Configuration example IIA - IIB and IIC - F050-A-PD-XI-ZB - Power requirement 16 - 30V DC



^{*} Sensor supply voltage for analog pressure sensor type A: Terminal 6: as input voltage terminal 5 (internally linked).

Please note: type PD may be used in combination with the battery (type PC). PD will power the unit; the battery will be disabled automatically till power is disconnected.

Configuration example IIA - IIB and IIC - F050-A-PL-XI-ZB - Input loop powered



Sensor supply is not available: unit is input loop powered (type PL).

Please note: type PL may be used in combination with the battery (type PC). PL will power the unit; the battery will be disabled automatically till power is disconnected.



Display

Туре	High intensity reflective numeric and
	alphanumeric LCD, UV-resistant.
Dimensions	90 x 40mm (3.5" x 1.6").
Digits	$5 \frac{1}{2}$ very large 26mm (1") digits. Various symbols
	and measuring units.
Piegraph	Ten segments - related to the input signal.
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. Also available Intrinsically Safe.

Ambient temperature

Safe areas	-40°C to +80°C (-40°F to +176°F).
EPL Ga / 1G	-40°C to +70°C (-40°F to +158°F).
EPL Da / 1D	-40°C to +50°C (-40°F to +122°F).
	max. dust layer thickness: 200mm.
EPL Db / 2D	-40°C to +70°C (-40°F to +158°F).
	max. dust layer thickness: 5mm.

Power requirements

Type PB	Long life Lithium battery - life-time depends
	upon settings and configuration - up to 5 years.
	(requires PD, PL or PX)
Type PC	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	16 - 30V DC. power consumption max. 1W.
Type PF	24V AC / DC ± 10%. Power consumption max. 15W.
Type PL	Input loop powered from sensor signal 4 - 20mA
	(type "A").
Type PM	115 - 230V AC ± 10%. Power consumption max. 15W.
Type PX	8 - 30V DC. Power consumption max. 0.3W.
Type ZB	20 - 30V DC ± 10%. Power consumption max. 1W.
	With type PF / PM: internally powered.
Note PB/PF/PM	Not available Intrinsically Safe.
Note PF/PM	The total consumption of the sensor and
	backlight type ZB may not exceed 400mA @
	24V DC.
Note XI	For Intrinsically Safe applications, consult the
	safety values in the certificate.

Sensor excitation

Type PB/PC/PX	Not available.
Type PD	The sensor supply voltage will be according to
	power supply voltage (as connected to terminal 5).
Type PF / PM	8.2 / 12 / 24V DC - max. 400mA @ 24V DC.

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.
Туре	EEPROM backup of all settings. Data retention at

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.
FM	FM Class No. 3600, FM Class No. 3610.
CSA	CSA 22.2 No. 157-92.
IP & NEMA	EN 60529 & NEMA 250.

Intrinsically Safe (Type XI)

ATEX	Gas: II 1 G Ex ia IIC T4 Ga.
	Dust: II 1 D Ex ia IIIC T ₂₀₀ 100 °C Da.
IECEx	Gas: Ex ia IIC T4 Ga.
	Dust: Ex ia IIIC T ₂₀₀ 100 °C Da.
CSA c-us	IS Class I/II/III, Division 1, Groups A to G T4.
	Class 1 Zone O AEx ia IIC T4 Ga.
FM	IS, Class I, II, III, Division 1, Groups A to G T4.
	Class I, Zone O, AEx ia IIC T4
Note	Extended aluminum enclosures are not available
CSA c-us/FM	with CSAc-us and FM approvals.

Explosion proof (Type XF)

ATEX/IECEx	Gas: II 2 G Ex db IIB+H2 T5 Gb.
	Dust: II 2 D Ex tb IIIC T80°C.
Protection	IP66
Type XF	Dimensions of enclosure: 300 x 250 x 200mm
	(11.8" x 9.9" x 7.9") L x H x D.
Weight	Appr. 15kg.



Enclosure

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.
Type HC	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 x Ø 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").
Type HK	Flat bottom, cable entry: no holes.
Type HQ	Cable entry: 2 x Ø 16mm & 3 x Ø 12mm.

Aluminum wall / field mount enclosures

Aluminum w	all / field mount enclosures
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.
Type HA	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.
Type HP	Cable entry: 6 x M12.
Type HT	Cable entry: 1 x ½" NPT.
Type HU/HBU	Cable entry: 3 x ½" NPT.
Type HV	Cable entry: 4 x M20.
Type HZ	Cable entry: no holes.
Note	Extended aluminum enclosures are not available
CSA c-us/FM	with CSAc-us and FM approvals.

Stainless steel 316L wall / field mount enclosures

	Claim Coo Clock Clock man / Hola mount chockers	
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: $3 \times \frac{1}{2}$ NPT.	

Signal inputs - Pressure

Туре А	(0)4 - 20mA. Analog input signal can be scaled
	to any desired range within 0 - 20mA.
Type U	0 - 10V DC. Contact factory.
Accuracy	Resolution: 16 bit. Error < 0.01 mA $/ \pm 0.05\%$ FS.
	Low level cut-off programmable.
Span	0.00001 - 199,999 with variable decimal position
Offset	-99,999 / +199,999 units.
Update time	Four times per second.
Voltage drop	Type A: max. 1V DC @ 20mA.
Voltage drop	Type A - PL (loop powered): max. 2.6V DC @
	20mA.
Relationship	Linear and square root calculation.
Note A	For signal type A: external power to sensor is
	required; e.g. type PD.

Operator functions

Displayed info	Actual pressure.
	Measuring unit.

Total

Digits	5 ½ digits.
Units	mbar, bar, PSI, no-unit.
Decimals	0 - 1 - 2 - 3 - 4 or 5.

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

Cable glands

ACF20	For HA enclosure, includes O-rings.
ACF25	For HE enclosure, includes locknuts and O-rings.
ACF26	For HF enclosure, includes locknuts and O-rings.
ACF27	For HG enclosure, includes locknuts and O-rings.
ACF28	For HH enclosure, includes locknuts and O-rings.
ACF29	For HJ enclosure, includes locknuts and O-rings.
ACF32	For HM enclosure, includes O-rings.
ACF33	For HN enclosure, includes O-rings.
ACF34	For HO enclosure, includes O-rings.
ACF35	For HP enclosure, includes O-rings.
ACF39	For HT enclosure, includes O-rings.
ACF40	For HU enclosure, includes O-rings.



POSO		Description	
HB Aluminum panel mount enclosure. HC GRP panel mount enclosure. HSB Stainless steel 316L panel mount enclosure. HD GRP field mount - Cable entry: 2 x Ø 16mm & 1 x Ø 20mm. HF GRP field mount - Cable entry: 3 x Ø 22mm (%"). HG GRP field mount - Cable entry: 6 x Ø 12mm. HG GRP field mount - Cable entry: 8 x Ø 22mm (%"). HG GRP field mount - Cable entry: 8 x Ø 22mm (%"). HG GRP field mount - Cable entry: 8 x Ø 22mm (%"). HG GRP field mount - Cable entry: 8 x Ø 22mm (%"). HK GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HJ 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 PG9 + 1 x M20. HN Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HN Aluminum field mount - Cable entry: 2 x M20. HD Aluminum field mount - Cable entry: 3 x M20. HD Aluminum field mount - Cable entry: 4 x M20. HD Aluminum field mount - Cable entry: 6 x M12. HT Aluminum field mount - Cable entry: 8 x M20. HD Aluminum field mount - Cable entry: 8 x M20. HZ Aluminum field mount - Cable entry: 9 x M20. HZ Aluminum field mount - Cable entry: 2 x M20. HZ Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M20. HBD Extended Alu. field/meter mount - Cable entry: 2 x M6 x H1 x M20 (not with CSAc-us / FM approvals). HBM Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBM Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HBM Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. PD 16 - 30 V DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PP 38ac power supply 8 - S0 V DC. PR 38ac power supply 8 - S0 V DC. XI Intrinsically safe, according ATEX and ECEX XX and PD, PL or PX. XI Intrinsically safe, according ATEX and ECEX XX and ECEX XX and ECEX XX and	Model	F050	Pressure indicator with very large digits.
### HC GRP panel mount enclosure. ### HS Stainless steel 316L panel mount enclosure. ### HD GRP field mount - Cable entry: 1x Ø 16mm 8.1 x Ø 20mm. ### GRP field mount - Cable entry: 1x Ø 16mm 8.1 x Ø 20mm. ### GRP field mount - Cable entry: 2 x Ø 16mm 8.1 x Ø 20mm. ### GRP field mount - Cable entry: 2 x Ø 20mm. ### GRP field mount - Cable entry: 3 x Ø 22mm (//*). ### GRP field mount - Cable entry: 3 x Ø 22mm (//*). ### GRP field mount - Cable entry: 3 x Ø 22mm (//*). ### GRP field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### GRP field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x Ø 16mm 8.3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x M20. ### Aluminum field mount - Cable entry: 2 x M20. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 2 x M20. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field mount - Cable entry: 3 x Ø 12mm. ### Aluminum field moun	Input	Α	(0)4 - 20mA input.
HSB Stainless steel 316L panel mount enclosure. HD GRP field mount - Cable entry: 2 x Ø 16mm & 1 x Ø 20mm. HE GRP field mount - Cable entry: 2 x Ø 20mm. HF GRP field mount - Cable entry: 2 x Ø 20mm. HF GRP field mount - Cable entry: 2 x Ø 20mm. HH GRP field mount - Cable entry: 3 x Ø 22mm (½"). HG GRP field mount - Cable entry: 3 x Ø 22mm (½"). HK GRP field mount, falt bottom - Cable entry: no holes. HQ 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 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x M20. HA Aluminum field mount - Cable entry: 2 x M20. HO Aluminum field mount - Cable entry: 2 x M20. HO Aluminum field mount - Cable entry: 3 x M20. HJ Aluminum field m20. HJ Aluminum		НВ	Aluminum panel mount enclosure.
HD GRP field mount - Cable entry: 2 x Ø 16mm & 1 x Ø 20mm. HE GRP field mount - Cable entry: 2 x Ø 16mm & 1 x Ø 20mm. HF GRP field mount - Cable entry: 2 x Ø 20mm. HG GRP field mount - Cable entry: 3 x Ø 22mm (½"). HG GRP field mount - Cable entry: 3 x Ø 22mm (½"). HJ GRP field mount, 1 cable entry: 3 x Ø 22mm (½"). HK GRP field mount, flat bottom - Cable entry: 0 x Ø 12mm. HJ GRP field mount, 1 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 ½"NPT. HA Aluminum field mount - Cable entry: 2 x ½"NPT. HH Aluminum field mount - Cable entry: 2 x ½"NPT. HO Aluminum field mount - Cable entry: 2 x M20. HP Aluminum field mount - Cable entry: 1 x M20. HO Aluminum field mount - Cable entry: 1 x ½"NPT. HU Aluminum field mount - Cable entry: 5 x ½"NPT. HU Aluminum field mount - Cable entry: 2 x M20. HEM Extended Alu, field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBD Extended Alu, field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 3 x M2"NPT (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 3 x M2"NPT (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 3 x M2"NPT (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 3 x M2"NPT (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 3 x M2"NPT (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 3 x M2"NPT (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 3 x M2"NPT (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 3 x M2"NPT (not with CSAc-us / FM ap		НС	GRP panel mount enclosure.
HE GRP field mount - Cable entry: 2 x Ø 16mm & 1 x Ø 20mm. HF GRP field mount - Cable entry: 2 x Ø 22mm (%"). HG GRP field mount - Cable entry: 6 x Ø 12mm. HJ GRP field mount - Cable entry: 6 x Ø 12mm. HJ GRP field mount - Cable entry: 6 x Ø 12mm. HJ GRP field mount - Cable entry: 0 x Ø 22mm (%"). HK GRP field mount, flat bottom - Cable entry: 0 no holes. HG 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 ½"NPT. HH Aluminum field mount - Cable entry: 2 x ½"NPT. HH Aluminum field mount - Cable entry: 1 x M20. HN Aluminum field mount - Cable entry: 1 x M20. HP Aluminum field mount - Cable entry: 1 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: 3 x ½"NPT. HU Aluminum field mount - Cable entry: 3 x ½"NPT. HU Aluminum field mount - Cable entry: 2 x M10. HB Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HB Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HB Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HS Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HS Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HS Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. PD 16 - 30 V DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 35 Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XX Safe area only, according CE / UKCA.		HSB	Stainless steel 316L panel mount enclosure.
HF GRP field mount - Cable entry: 1 x Ø 22mm (%"). HG GRP field mount - Cable entry: 2 x Ø 20mm. HH GRP field mount - Cable entry: 3 x Ø 22mm (%"). HJ GRP field mount - Cable entry: 3 x Ø 22mm (%"). HK GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HJ GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x ½"NPT. HM Aluminum field mount - Cable entry: 2 x ½"NPT. HM Aluminum field mount - Cable entry: 2 x ½"NPT. HM Aluminum field mount - Cable entry: 2 x ½"NPT. HM Aluminum field mount - Cable entry: 1 x M20. HN Aluminum field mount - Cable entry: 2 x M20. HP Aluminum field mount - Cable entry: 1 x M20. HP Aluminum field mount - Cable entry: 1 x ½"NPT. HU Aluminum field mount - Cable entry: 1 x ½"NPT. HV Aluminum field mount - Cable entry: 1 x ½"NPT. HV Aluminum field mount - Cable entry: 1 x ½"NPT. HB Extended Alu. field/meter mount - Cable entry: 2 x M20. HBD Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBD Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSD Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSD Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSD Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. PD 16 - 30 V DC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (opt.) - Irequires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XX Safe area only, according ATEX, IECEx, CSA c-us and FM.		HD	GRP field mount - Cable entry: no holes.
HG GRP field mount - Cable entry: 2 x Ø 20mm. HH GRP field mount - Cable entry: 6 x Ø 12mm. HJ GRP field mount, flat bottom - Cable entry: 7 no holes. HG GRP field mount - Cable entry: 2 x Ø 22mm (//"). HK GRP field mount - Cable entry: 2 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x PG9 + 1 x M20. HL Aluminum field mount - Cable entry: 2 x //s NPT. HM Aluminum field mount - Cable entry: 2 x //s NPT. HM Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HO Aluminum field mount - Cable entry: 2 x M20. HP Aluminum field mount - Cable entry: 1 x //s NPT. HU Aluminum field mount - Cable entry: 1 x //s NPT. HU Aluminum field mount - Cable entry: 1 x //s NPT. HV Aluminum field mount - Cable entry: 2 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBO Stainless steel 316L field mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 3 x //s NPT (not with CSAc-us / FM approvals). HSO Stainless steel 316L field mount - Cable entry: 2 x M20. HSU Stainless steel 316L field mount - Cable entry: 3 x //s NPT. PD 16 - 30 v DC+ sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PX Basic power supply 8 - 30V DC. Rattery VX Safe area only, according ATEX, IECEx, CSA c-us and FM. XX Safe area only, according ATEX and IECEx XX Safe area only, according ATEX and IECEx		HE	GRP field mount - Cable entry: 2 x Ø 16mm & 1 x Ø 20mm.
HH GRP field mount - Cable entry: 6 x Ø 12mm. HJ GRP field mount - Cable entry: 3 x Ø 22mm (%"). HK GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x P6 15mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x P6 15mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x M16 x 1 x M20. HL Aluminum field mount - Cable entry: 2 x M16 x 1 x M20. HN Aluminum field mount - Cable entry: 2 x M16 x 1 x M20. HO Aluminum field mount - Cable entry: 2 x M10. HO Aluminum field mount - Cable entry: 1 x M20. HP Aluminum field mount - Cable entry: 2 x M20. HP 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: 4 x M20. HZ Aluminum field mount - Cable entry: 5 x M16 x M20. HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 x M20. HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 2 x M16 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. PD 16 - 30 v DC + sensor supply. PP 24 V AC/DC + sensor supply requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX, IECEx, CSA c-us and FM. XS Safe area only, according CE / UKCA.		HF	GRP field mount - Cable entry: $1 \times \emptyset$ 22mm ($\frac{1}{8}$ ").
HJ GRP field mount - Cable entry: 3 x Ø 22mm (//m²). HK GRP field mount, flat bottom - Cable entry: no holes. GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x PG9 + 1 x M2O. HL Aluminum field mount - Cable entry: 2 x M16 + 1 x M2O. HN Aluminum field mount - Cable entry: 2 x M2O. HN Aluminum field mount - Cable entry: 2 x M2O. HN Aluminum field mount - Cable entry: 2 x M2O. HP Aluminum field mount - Cable entry: 6 x M12. HT 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 M2O. HZ Aluminum field mount - Cable entry: 3 x ½"NPT. HW Aluminum field mount - Cable entry: 2 x M2O. HZ Aluminum field mount - Cable entry: 2 x M2O. HZ Aluminum field mount - Cable entry: 2 x M2O. HBM Extended Alu. field/meter mount - Cable entry: 2 x M2O (not with CSAc-us / FM approvals). HBM Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HBU Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M2O. HSU Stainless steel 316L field mount - Cable entry: 2 x M2O. HSU Stainless steel 316L field mount - Cable entry: 3 x ½"NPT. PD 16 - 30 v DC + sensor supply. PP 24v AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230v AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. XI Intrinsically safe, according ATEX, IECEX, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEX XX Safe area only, according CE / UKCA.		HG	GRP field mount - Cable entry: 2 x Ø 20mm.
HK GRP field mount, flat bottom - Cable entry: no holes. HQ GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm. HA Aluminum field mount - Cable entry: 2 x ½"NPT. HL Aluminum field mount - Cable entry: 2 x ½"NPT. HM Aluminum field mount - Cable entry: 2 x ½"NPT. HM Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HN Aluminum field mount - Cable entry: 2 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: 4 x M20. HZ Aluminum field mount - Cable entry: 4 x M20. HZ Aluminum field mount - Cable entry: 5 x M20. HBM Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSO 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		НН	GRP field mount - Cable entry: 6 x Ø 12mm.
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 ½"NPT. HM Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HN Aluminum field mount - Cable entry: 2 x M20. HO Aluminum field mount - Cable entry: 6 x M12. HT Aluminum field mount - Cable entry: 6 x M12. HT Aluminum field mount - Cable entry: 7 x M20. HP Aluminum field mount - Cable entry: 8 x M20. HZ Aluminum field mount - Cable entry: 9 x M20. HZ Aluminum field mount - Cable entry: 1 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBM Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBM Stainless steel 3I6L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 3I6L field mount - Cable entry: 2 x M20. HSU Stainless steel 3I6L field mount - Cable entry: 2 x M20. HSU Stainless steel 3I6L field mount - Cable entry: 3 x ½"NPT. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX, IECEx, CSA c-us and FM.		HJ	GRP field mount - Cable entry: 3 x Ø 22mm ($\frac{7}{8}$ ").
HA Aluminum field mount - Cable entry: 2 x PG9 + 1 x M20. HL Aluminum field mount - Cable entry: 2 x ½"NPT. HM Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HN Aluminum field mount - Cable entry: 2 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. HV Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M20. HZ Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M20. HZ Aluminum field mount - Cable entry: 2 x M20. HZ Aluminum field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBM Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSU Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSM		HK	GRP field mount, flat bottom - Cable entry: no holes.
HL Aluminum field mount - Cable entry: 2 x ½"NPT. HM Aluminum field mount - Cable entry: 2 x M16 + 1 x M20. HN Aluminum field mount - Cable entry: 2 x M20. HO Aluminum field mount - Cable entry: 2 x M20. HP 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. HV Aluminum field mount - Cable entry: 3 x ½"NPT. HV Aluminum field mount - Cable entry: 2 x M20. HZ Aluminum field mount - Cable entry: 3 x ½"NPT. HBW Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBW Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBW Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HBW Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x M20 (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x M20 (not with CSAc-us / FM approvals). HSW Stainless steel 316L field mount - Cable entry: 3 x M20 (not with		HQ	GRP field mount - Cable entry: 2 x Ø 16mm & 3 x Ø 12mm.
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: 4 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBM Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSO 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		НА	Aluminum field mount - Cable entry: 2 x PG9 + 1 x M20.
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: 4 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBM Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSO 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.	ıres	HL	Aluminum field mount - Cable entry: 2 x $\frac{1}{2}$ "NPT.
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: 4 x M20. HZ Aluminum field mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBM Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). HSM Stainless steel 316L field mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HSO 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.	losr	НМ	Aluminum field mount - Cable entry: 2 x M16 + 1 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: 4 x M20. HZ Aluminum field mount - Cable entry: 9 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.	Enc	HN	Aluminum field mount - Cable entry: 1 x M20.
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: no holes. HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		НО	Aluminum field mount - Cable entry: 2 x M20.
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: no holes. HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HP	Aluminum field mount - Cable entry: 6 x M12.
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 (not with CSAc-us / FM approvals). HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HT	Aluminum field mount - Cable entry: 1 x ½"NPT.
HZ Aluminum field mount - Cable entry: no holes. HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HU	Aluminum field mount - Cable entry: $3 \times \frac{1}{2}$ "NPT.
HBM Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals). HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HV	Aluminum field mount - Cable entry: 4 x M20.
HBO Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals). HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HZ	Aluminum field mount - Cable entry: no holes.
HBU Extended Alu. field/meter mount - Cable entry: 3 x ½"NPT (not with CSAc-us / FM approvals). 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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. PC Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HBM	Extended Alu. field/meter mount - Cable entry: 2 x M16 + 1 x M20 (not with CSAc-us / FM approvals).
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. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. Battery PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. PC Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		НВО	Extended Alu. field/meter mount - Cable entry: 2 x M20 (not with CSAc-us / FM approvals).
HSO Stainless steel 316L field mount - Cable entry: 2 x M2O. HSU Stainless steel 316L field mount - Cable entry: 3 x ½ NPT. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. PC Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HBU	Extended Alu. field/meter mount - Cable entry: 3 x $\frac{1}{2}$ "NPT (not with CSAc-us / FM approvals).
HSU Stainless steel 316L field mount - Cable entry: 3 x 1/2"NPT. PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. PC Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HSM	Stainless steel 316L field mount - Cable entry: 2 x M16 + 1 x M20.
PD 16 - 30 V DC + sensor supply. PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. PC Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HSO	Stainless steel 316L field mount - Cable entry: 2 x M20.
PF 24V AC/DC + sensor supply - requires XX. PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. PC Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		HSU	Stainless steel 316L field mount - Cable entry: $3 \times 1/2$ NPT.
PL Input loop powered from sensor signal type "A". PM 115 - 230V AC + sensor supply - requires XX. PX Basic power supply 8 - 30V DC. PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. PC Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		PD	16 - 30 V DC + sensor supply.
PM	<u>.</u>	PF	24V AC/DC + sensor supply - requires XX.
PM	OW	PL	Input loop powered from sensor signal type "A".
PB Additional lithium battery powered (opt.) - requires XX and PD, PL or PX. Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.	ď	PM	115 - 230V AC + sensor supply - requires XX.
Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		PX	Basic power supply 8 - 30V DC.
Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX. XI Intrinsically safe, according ATEX, IECEx, CSA c-us and FM. XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.	Battery	PB	Additional lithium battery powered (opt.) - requires XX and PD, PL or PX.
XF Ex d enclosure - 3 keys according ATEX and IECEx XX Safe area only, according CE / UKCA.		PC	Additional lithium battery powered (opt.) - Intrins. safe - requires XI and PD, PL or PX.
Sale area only, according CE / ORCA.	Z s	ΧI	Intrinsically safe, according ATEX, IECEx, CSA c-us and FM.
Sale area only, according CE / ORCA.	dou	XF	Ex d enclosure - 3 keys according ATEX and IECEx
7D D 1111	I	XX	Safe area only, according CE / UKCA.
ZB Backlight.	Options	ZB	Backlight.
ZX No options.		ZX	No options.

The bold marked text contains the standard configuration: F050-A-HC-PX-XX-ZX.