

D090 DIN Panel mount - Multi-Purpose Indicator

input loop powered with very large digits



Features

- Universal, input loop powered indicator.
- Very large 26mm (1") digits.
- Displays the actual value, measuring unit and loop current.
- Selectable on-screen engineering units: %, PPM, meter, m, cm, mm, ft, sqft, ML, L, NL, M³, nM³, GAL, USGAL, IGAL, bbl, CUFT, mg, g, kg, ton, lb, psi, psig, mbar, bar, barg, °C, °F, K, P, RPM, K, KPA, pH, mV or no unit (others on request).
- Selectable on-screen time units for flow rate: /sec, /min, /hour, /day or no unit.
- Number of digits for actual value: 5½.
- Piegraph indication: ten segments.
- Auto backup of all settings.
- Ambient temperature: -40°C to +80°C (-40°F to 176°F).
- LED backlight option.
- Easy configuration with clear alphanumeric display.
- Aluminum DIN front panel of 144 x 72mm (5.67" x 2.83") according DIN 43700 / IEC 61554.
- Various [accessories](#) are available for this product.

Product description

The D090-A-PL is an economical, DIN panel mount, loop powered multi-purpose indicator with large 26mm (1") high digits which displays the actual process value, range and loop current. The measuring unit to be displayed is simply selected through an alphanumeric 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 Span, offset and number of decimals is done through software functions, without any sensitive dip-switches or trimmers.

It accepts a wide range of process instruments, including flow (linear or square root), level, pressure and temperature transmitters. All these process parameters can be displayed in their own engineering units.

Advantages

- Unique, robust IP66, IP67 (NEMA Type4X) panel mount front enclosure made of die cast aluminum, allowing even big jets of water and total immersion.
- Familiar easy operation with the Fluidwell "Know one, know them all" configuration structure, saving time, cost and aggravation.

Applications

- Universal applications where a multi-purpose display is required without monitoring function, linearization or signal re-transmitting.
- The D090 takes operating energy from an input current (2-wire 4 - 20mA) and reduces installation cost.
- The D-Series is a DIN-sized display and the **better alternative** for your existing, not waterproof, front panel mount indicators in extreme weather outdoor applications or e.g. in food industries where working environments are often cleaned with powerful water jets.

Product specifications

Signal Inputs

General Purpose Inputs

- 4 - 20mA input loop-powered.

Supply

Power Supply

- 4 - 20mA input Loop-powered.

Sensor Supply

- None

Signal Outputs

Alarm outputs

- None.

Analog outputs

- None.

Hazardous Area

Intrinsically Safe

- For Intrinsically Safe applications we recommend the [F-Series](#).

Communication

- Modbus communication available on [F1-Series](#) products.
- HART communication is available with the [F018](#) Flow rate Monitor / Totalizer.



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We're happy to answer any questions about our products and services.
Just send us an email or give us a call.