

Option M03



Local Display

NEMA 4X—Loop Powered

Designed for easy set-up/installation

Option M03 loop powered local display is designed for quick set-up in direct read-out of milli-Amps DC, percent of full scale or in engineering units. The display can be configured from -1999 to 9999.

Manufactured for operation in harsh environments

The M03 is manufactured for reliability in aggressive environments where other indicators fail. The high impact ABS plastic housing is fully gasketed and is rated NEMA 4X. State-of-art surface mount electronics are mounted to ensure safe and reliable operation even in high vibration applications.

Available for most of Dylix's pressure products

The M03 is available for Dylix's gage, absolute and differential products where a DIN 43650 A (Option Code: B11) can be mounted. Calibration to specific customer requirements in mAdc or engineering units is at no-charge.

Dylix's Customer Service

Every transmitter with option M03 is shipped with a NIST traceable calibration certificate.

The calibration certificate includes the 4-20 mA output of the pressure instrument as well as the system calibration of pressure instrument and display.



**Shown with GXR Model
Transducer**

Standard Features

- Reads direct current
- Can be calibrated for engineering units
- 1999 to 9999 display (*Adjustable Decimal Point*)

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Product Specifications

Electrical

Excitation	12-36 Vdc
Voltage drop	2.5 Vdc max
Zero Balance	$\leq \pm 1\%$ FSO
FSO Setting	$\leq \pm 1\%$ FSO
Display	4 Digit LED
Update rate	< 100 mS
Insulation Resistance	1000 M Ω @ 50 Vdc
Reverse Polarity	Protected
EMI/RFI	Internal Filtering
Short Circuit	Protected Up to 40 Vdc

Mechanical

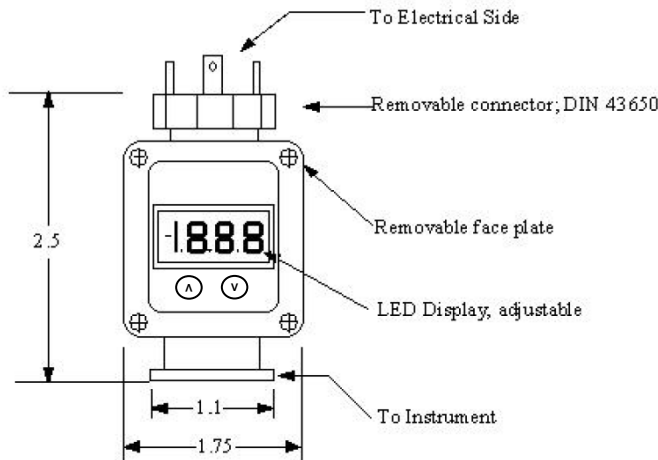
Materials	High impact ABS plastic neoprene gasket
Mates with	DIN 43650 electrical connector
Dimensions	Per outline below
Weight	Approximately 3 oz.

Environmental

Compensated Temp Range	0 to 170° F
Operating Temp Range	0 to 200° F
Storage Temp Range	-20 to 200° F

Performance

Accuracy	$\leq \pm 0.05\%$ FSO (BFSL, RSS)
Repeatability	$\leq \pm 0.05\%$ FSO
Temperature Effects	$\leq \pm 0.5\%$ FSO over comp range <i>(combined effects of zero & FSO with reference at 70°F)</i>
Long Term Stability	$\leq \pm 0.05\%$ FSO per year



*Options Available

Standard Wiring:

Model	Output	+ Power	- Power	+ Signal	- Signal
M03	4-20 mAdc 2 wire	Red/Pin 1/Pin A		Black/Pin 2/Pin B	

Dylix Corporation reserves the right to change specifications without prior notification. Please contact the factory for the latest revision.