

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 +1999.

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 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 within 1-2 weeks ARO 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.



Standard Features

*Reads direct current
Can be calibrated for engineering units
1999 to + 1999 display
Low cost; starting @ \$125.00*

Shown with Model GXR

Option M03 Local Display



NEMA 4X
Loop powered, customer configurable

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	LED (LCD available)
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

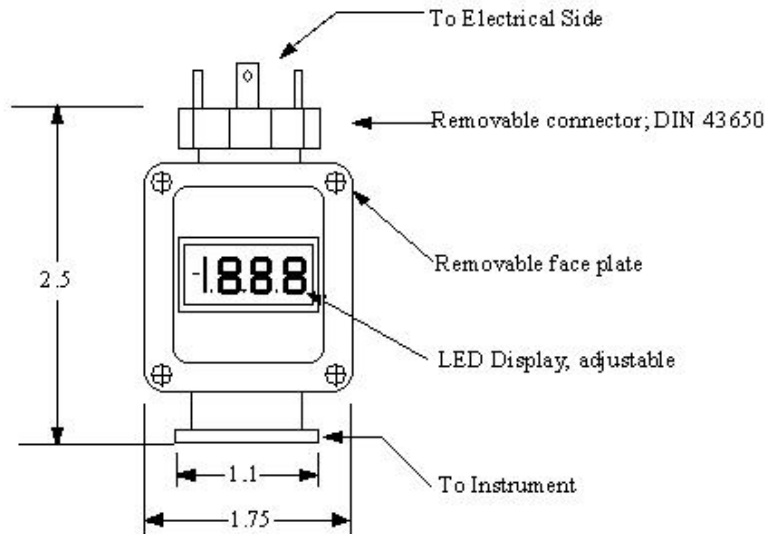
Materials	High impact ABS plastic neopreme gasket
Mates with	DIN 43650 electrical connector
Dimensions	Per outline below
Weight	approximately 3 oz

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 (combined effects of zero & FSO with reference at 70 °F)
Long Term Stability	$\leq \pm 0.05\%$ FSO per year



Standard Wiring:

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

Data Sheet M03-07 Rev A