

# M25xB Ex ANALOGUE GAUGE



- **ATEX AND IECEx CERTIFICATION: Ex ia AND Ex nA**
- **4", 6", 8" SIZES, CUSTOMISED SCALES AND OEM BRANDING AVAILABLE**
- **316L BEZEL PROVIDING IP66 FRONT PANEL PROTECTION**
- **IP20 CONNECTION OR IP67 GLAND ENTRY OPTION**
- **-25°C TO +60°C AMBIENT TEMPERATURE**

EFC M25xB gauges are designed to be used wherever reliable analogue indication is required in harsh and hazardous area environments.

A high quality temperature compensated moving coil ammeter with additional internal protection provides a high degree of resistance to shock and accurate readings over an extended temperature range. Self-shielding prevents neighboring panel materials or stray magnetic fields affecting accuracy.

Gauges are available for individual use or can be used with the optional M111 module in cascaded fine scale sets of two or three gauges to provide enhanced low scale resolution and accuracy.

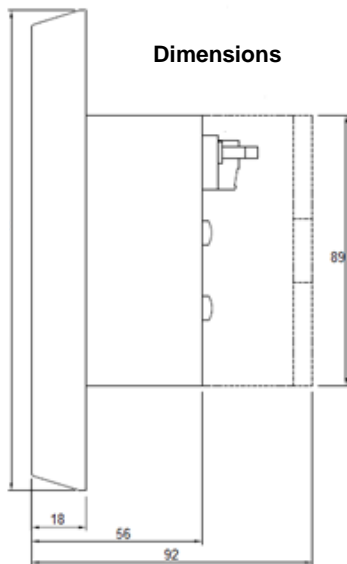
A Stainless Steel bezel and toughened glass front maintain IP66 protection. The rear housing is of marine grade hard anodised aluminium and is available with IP20 termination or IP67 gland entry.

All gauges are ATEX and IECEx certified intrinsically safe for zone-1 category II2G applications and certified Non Sparking for zone-2 category II3G applications.

# M25xB Ex ANALOGUE GAUGE

DESCRIPTION	SPECIFICATION
Meter Size	4" (114.0mm), 6" (158.0mm), 8" (203.5mm)
IP Rating of Front	IP66 (panel IP maintained on 2-14 mm panels)
IP Rating of Rear	IP20 Connector or IP67 Gland entry
Movement type	Temperature compensated precision 250 Deg. moving coil
Input for Single Gauge	4-20mA
Input for Cascaded fine scale set	0-1mA (0-20mA input to M111 module required)
Long-term accuracy	+/- 2% FS, 0-50 °C
ATEX & IECEX II 2G zone-1 Certification	II 2G Ex ia IIC T5 Gb
ATEX & IECEX II 3G zone-2 Certification	II 3G Ex nA IIC T5 Gc
Ambient Temperature range	Certified -25 to +60 °C
Documentation	EC DOC, EC Type Certificate, Technical Manual, Special Safety Instructions
Warranty	2 years

NB: Technical data may be subject to change



### Connection Options



IP20

IP67

### MARKING INCLUDES THE FOLLOWING:

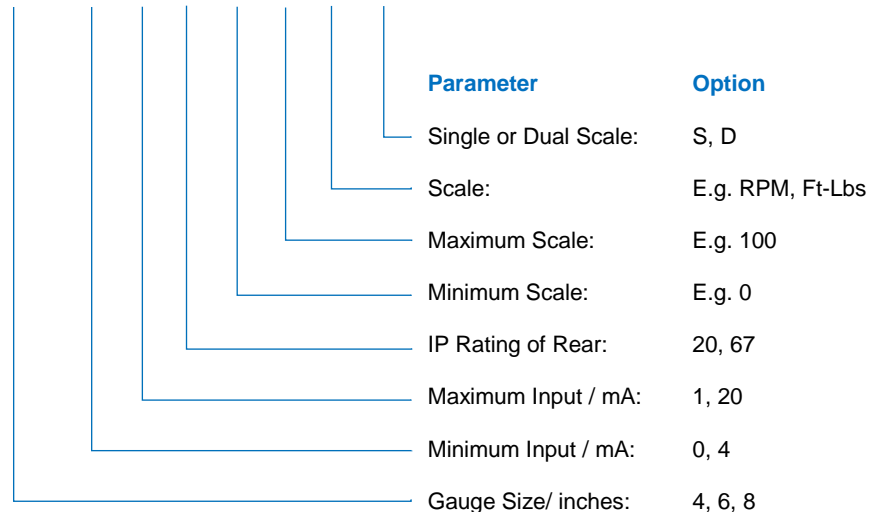


II 2 G Ex ia IIC T5 Gb

Ta: -25 to +60°C

II 3 G Ex nA IIC T5 Gc

### PART NUMBER M25 X B / X / X / X / X / X / X / X



DI/1115/003/A