

**Gauge + Switch****TYPE M1/M2 (B)****FEATURES**

- Plexiglass window
- Adjustable switch-point
- Choice of threaded connection
- Standard Din plug
- Max. Temperature +65° to 100°C
- IP55 rated

**OPTIONS**

- IS version EEx ia IIC T6
- Sliding contacts
- Magnetic Snap-Action contacts
- Oil filled guage



**PLEASE CONTACT US FOR PRESSURE RANGES**

Technical data		
MODEL:	Brass Version	Stainless steel version
Accuracy	±1.6%	±1.0%
Ambient temperature	-25 / +65°C	-25 / +100°C
Working Pressure	Max 75% of the full scale value	Max 75% of the full scale value
Protection	IP55	IP55
Socket material	Brass OT58	AISI 316 stainless steel
Case	AISI 304 S/steel	AISI 304 S/steel
Window	Plexiglass	Plexiglass
Movement	Stainless steel	Stainless steel
Dial	Alumunium, white with black markings	Alumunium, white with black markings
Gasket (window & blow out)	EPDM	EPDM

**PRESSURE-VACUUM-LEVEL LTD**

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**Gauge + Switch****TYPE M1/M2**

<b>Technical data</b>	
<b>IS version</b>	
<b>Electrical wiring</b>	PG11
<b>Ambient Temperature</b>	+65 / +100°C
<b>Hysteresis</b>	0.3% - 5% (depending on contacts)
<b>Protection</b>	IP55
<b>Contact Material</b>	Silver-nickel alloy (optional Gold-silver alloy, Platinum-iridium)
<b>Contact Type</b>	Sliding or Magnetic Snap-Action / single, double or independent double contacts
<b>Window</b>	Plexiglass

**Sliding contacts** -The electrical sliding contacts guarantee an accurate operation within a controlled hysteresis. However they are sensitive to vibration and very slow pressure changes may cause an electric arc which can reduce its working life.

**Magnetic Snap-Action Contact** - Universally used to guarantee the reliable operation of gauges under severe vibration. The magnetic action is guaranteed by a "click operation", which improves contact capacity, life and is less sensitive to vibration. The required power to overcome the magnetic resistance causes an hysteresis at set-point between 2% to 5% of full scale value.

**Gold-Silver contacts** (Gold 80%-Silver 20%) - Corrosion and oxidation resistant. Resistance of contact is very low. Use where the tension and the signal current are very low. Min voltage 12Vdc.

**Platinum-Iridium contacts** (Platinum75%-Iridium25%) - Has good resistance against the electrical arc as well as good chemical resistance. To be used in case of frequently operated systems with high current values. Min voltage 24Vdc

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