



**MMG Műszerszerviz Kft.**  
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*Mechanical pressure gauges*

**DIFFERENTIAL PRESSURE GAUGE  
 WITH MAGNETIC PISTON**

KL 80\_F\_807\_2010\_12\_E

**MM 80 F/807/3,0**



**Application:**

For gaseous and liquid aggressive media that are not highly viscous or crystallising, also in aggressive ambience.  
 High working pressures (differential pressure overload/static pressure)

Suitable for monitoring of pumps, filter monitoring, level measurement in closed tanks, chemical and process engineering applications.

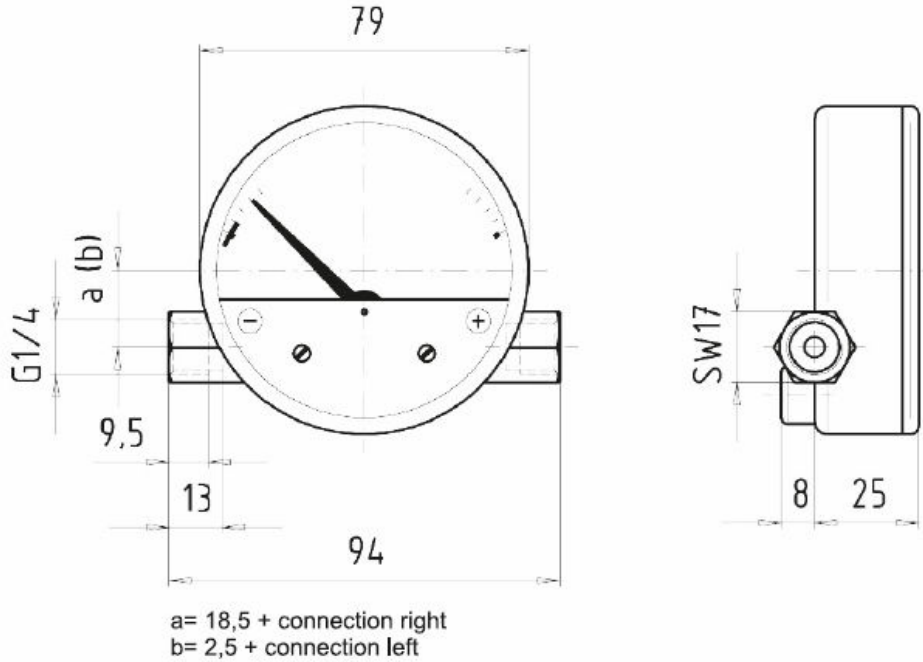
**Technical parameters:**

|                         |  |
|-------------------------|--|
| Construction            | EN 837-1   |
| Nominal size            | 80 mm  |
| Accuracy glass          | 1,6%   |
| Scale range             | 0-400 mbar to 0-10 bar   |
| Overload                | 100, 250, 400 bar  |
| Operating temperature   | ambient - 20.....+60°C<br>medium max +100°C  |
| Temperature effect      | when temperature of the pressure element deviates from reference(+ 20°C)<br>$\pm 0,05 \times (t_2 - t_1) \%$ |
| Dial                    | white aluminium, dual scale bar/psi  |
| Pointer                 | black  |
| Lens                    | polycarbonate  |
| Case                    | aluminium, black painting  |
| Measuring element       | piston - 1.4571, magnet - hard ferrite<br>compression spring - 1.4310  |
| Socket                  | stainless steel, 1.4571  |
| Connection              | 2x side on   |
| Connection thread       | G 1/4, other*  |
| Protection              | IP 54 EN 60 529  |
| Options                 | REED contact, lazy pointer, front/rare flange*   |
| REED contact parameters | max. switching voltage: 250 VDC/VAC<br>60W / 1A<br>30 VDC/VAC<br>3W / 0,2A<br>switching hysteresis: 5% of FS |

\* marked execution on special request



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**Identification:**

| type           | pressure range        | wight |
|----------------|-----------------------|-------|
| MM 80F/807/3,0 | 0-400 mbar ÷ 0-10 bar | 220 g |

**REED contact**

