

Bourdon Gauge

Bourdon-tube manometer

EN



- Standard and stainless steel version (corrosion resistant)
- Gauge pressure sensor
- Optionally available with linear analog output

Technical data

	RFM Bourdon Gauge	RFMC Bourdon Gauge	RFM-I Bourdon Gauge
■ Measurement range	Electrometer: < 10 to 1020 mbar on absolute pressure scale		
■ Units of measurement	mbar	mbar	mbar
■ Housing	Plastics (black), nominal size 80 x 63 mm	Stainless steel, nominal size 63 mm	
■ Protection category	IP 65	IP 54	IP 54
■ Temperature range (operation)	From -40 °C to +60 °C		
■ Max. temperature	60 °C	200 °C	100 °C
■ Measuring principle	Bourdon-tube manometer, relative pressure, with precision swiveling angle sensor at needle shaft (contact-free)		
■ Materials exposed to vacuum	Copper alloy	Stainless steel 316L	–
■ Analog outputs	–	–	Linear, 4 to 20 mA, two-wire
■ Power supply	–	–	12 to 30 V DC, max. 1 W
■ Electrical connectors	–	–	Cable, 2 m, free ends, DC in, analog output
■ Dimensions	(HxØ): 86 x 63 mm		
■ Vacuum connectors	DN16KF, G1/4" B		

Accessories



KF clamp chains

Clamp chains made of plastics (up to 60 °C/100 °C) or aluminum alloy (up to 150 °C).



KF seals with centering rings

Elastomer seals for plastics and aluminum clamp chains, optionally with centering rings made of stainless steel.