

▶ 50 years of
proven reliability



KROHNE

▶ measure the facts

BM 26 – The most popular Magnetic bypass Level Indicator (MLI) on the market

The KROHNE BM 26 BASIC/ADVANCED MLI has an optimal strength-to-weight ratio and combines robustness and flexibility with a long-proven technology, thus providing excellent value for money. It is easy to install and needs little or no maintenance.

The BM 26 series is made of stainless steel. Its bicolour indicator flaps are housed in a 100 % hermetically-sealed, durable glass tube. The BM 26 is suitable for use with highly corrosive, toxic or flammable liquids. It operates in extreme conditions: from $-196\text{ }^{\circ}\text{C}/-321\text{ }^{\circ}\text{F}$ up to $+300\text{ }^{\circ}\text{C}/+570\text{ }^{\circ}\text{F}$, from full vacuum up to 100 barg/1450 psig, with products that have densities from $0.48\text{ kg/l}/30\text{ lb/ft}^3$ up to $3.00\text{ kg/l}/187.3\text{ lb/ft}^3$ (other conditions on request).



BM 26 BASIC/ADVANCED

BM 26 series

BM 26 BASIC/ADVANCED:

Ideal for general-purpose applications not exceeding 40 barg/580 psig and +300 °C/+572 °F.

BM 26 A:

Operates over a wide temperature range and at high pressures in level or interface applications.

BM 26 PTFE / BM 26 KP:

Versions lined with PTFE (BM 26 PTFE) or made of PP, PVDF or PVC (BM 26 KP) for aggressive liquids.

BM 26 W1010 / BM 26 W7300 / BM 26 F2200:

For totally redundant measurement by technology and/or predictive maintenance monitoring.

RC F1300:

Reference chamber (RC) combined with a Guided Radar (TDR) Level Transmitter OPTIFLEX 1300 C for liquid level and/or interface applications up to 100 barg/1450 psig and +300 °C/+572 °F.

Measurement with double certainty

BM 26 combined with a Radar (FMCW) Level Transmitter OPTIWAVE 1010 (BM 26 W1010) or OPTIWAVE 7300 (BM 26 W7300) or with a Guided Radar (TDR) Level Transmitter OPTIFLEX 2200 C/F (BM 26 F2200) permits totally redundant measurement where the measuring results of the MLI can be checked against those from the radar.

Both technologies operate independently and are not influenced by each other. If the pressure does not exceed 40 barg/580 psig, we recommend BM 26 W1010.

By adding an externally-mounted analogue transmitter to these device combinations, equipment condition can be monitored and a predictive maintenance strategy is possible.

	Density	Process Temperature	Process Pressure	Measuring range
BM 26 BASIC/ADVANCED	0.58...2 kg/l; 36.2...124.8 lb/ft ³	-40...+300°C; -40...+572°F	-1...40 barg; -14.5...580 psig	0.3...5.3 m; 1...17.4 ft
BM 26 A	0.48...3 kg/l; 30...187.3 lb/ft ³	-196...+300°C; -321...+572°F	-1...100 barg; -14.5...1450 psig	0.3...5.5 m; 1...18 ft
BM 26 PTFE	0.8...2 kg/l; 49.9...124.9 lb/ft ³	-20...+200°C; -4...+392°F	-1...19 barg; -14.5...276 psig	0.3...5.5 m; 1...18 ft
BM 26 KP	0.8...2 kg/l; 49.9...124.9 lb/ft ³	-10...+100°C; +14...+212°F	0...6 barg; 0...87 psig	0.3...4 m; 1...13 ft
BM 26 W1010	0.58...1.20 kg/l; 36.2...74.9 lb/ft ³	-40...+150°C; -40...+302°F	-1...40 barg; -14.5...580 psig	0.3...8 m; 1...26.25 ft
BM 26 W7300	0.52...3 kg/l; 32.5...187.3 lb/ft ³	-50...+200°C; -58...+392°F	-1...100 barg; -14.5...1450 psig	0.3...5.4 m; 1...17.7 ft
BM 26 F2200	0.7...3 kg/l; 43.7...187.3 lb/ft ³	-50...+300°C; -58...+572°F	-1...40 barg; -14.5...580 psig	0.3...5.5 m; 1...18 ft
RC F1300	NA (no float)	-50...+300°C; -58...+572°F	-1...100 barg; -14.5...1450 psig	0.3...5.5 m; 1...18 ft

Special constructions possible on request

Highlights

- Proven technology with more than 50 years of experience in manufacturing
- Rugged stainless steel design – low or no maintenance
- Flaps housed in a hermetically sealed rugged glass tube (IP 68)
- Highly visible level indication works without power supply
- Large variety of accessories and options: special materials, valves, high and low temperature insulation, hazardous area approvals, limit switches, analogue transmitters, radar transmitters, interface measurement etc.
- Measuring ranges from 0.3 m/1 ft up to 8 m/26.2 ft.
- Totally redundant measurement by technology and predictive maintenance monitoring when equipped with two independent transmitters



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