



▶ 40 years of proven reliability

**KROHNE**

▶ *achieve more*

▶ **BM 26 – New look for the most popular Magnetic bypass Level Indicator (MLI) on the market**

The new KROHNE BM 26 BASIC and ADVANCED MLI series 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 -200 °C/-325°F up to +300 °C/+570 °F, from full vacuum up to 100 barg/1450 psig, with products that have densities from 0.48 kg/l/30 lb/ft<sup>3</sup> up to 3.00 kg/l/187.3 lb/ft<sup>3</sup> (other conditions on request).



BM 26 BASIC and ADVANCED

## BM 26 series

### BM 26 BASIC and ADVANCED:

ideal for measuring liquids in low-pressure process and storage tanks not exceeding 40 barg/580 psig and +300 °C/+570 °F.

### BM 26 ADVANCED + OPTIWAVE 7300 C non-contact radar:

used for totally redundant measurement by technology and/or predictive maintenance monitoring in processes up to 40 barg/580 psig.

### BM 26 W (BM 26 A + OPTIWAVE 7300 C non-contact radar) and BM 26 F (BM 26 A + OPTIFLEX 1300 C guided radar):

used for totally redundant measurement by technology and/or predictive maintenance monitoring in high-pressure applications.

### BM 26 A:

operates over a wide temperature range and at high pressures. It is the perfect device for restricted spaces.

### BM 26 PTFE (PTFE-lined version) and BM 26 KP (made of PP, PVDF or PVC):

can be used with corrosive liquids.

## Totally redundant measurement by technology

BM 26 A combined with an OPTIWAVE 7300 C non-contact radar (FMCW) level meter (BM 26 W) or an OPTIFLEX 1300 C guided radar (TDR) level meter (BM 26 F) permits totally redundant measurement where the measuring results of the radar meter can be checked against those from the MLI.

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 ADVANCED with the OPTIWAVE 7300 C non-contact radar (FMCW) level meter option.

By adding an externally-mounted analogue transmitter to these device combinations, equipment condition can be monitored and a predictive maintenance strategy is possible: maintenance can be planned sufficiently in advance, and at DCS level, by comparing the measuring results of the analogue transmitter with those of the radar meter.

Tube diameter	Density range	Temperature range	Pressure range	Measuring range
<b>BM 26 BASIC</b> Ø42 mm/1.6"	0.75...1.19 kg/l; 46.8...68.7 lb/ft <sup>3</sup>	-40...+150 °C; -40...+300 °F	-1...16 barg; -14.5...232 psig	0.3...5.3 m***; 1...17.4 ft***
<b>BM 26 ADVANCED</b> Ø42 mm/1.6"	0.54...2 kg/l; 33.7...124.8 lb/ft <sup>3</sup>	-40 to +300 °C; -40...+570 °F	-1...40 barg; -14.5...580 psig	0.3...5.3 m***; 1...17.4 ft***
<b>BM 26 A</b> Ø76 mm/3"	0.48...3 kg/l*; 30...187.3 lb/ft <sup>3</sup> *	-200...+300 °C**; -325...+570 °F**	-1...100 barg**; -14.5...1450 psig**	0.3...5.5 m***; 1...18 ft***
<b>BM 26 PTFE</b> Ø80 mm/1.6"	0.8...3 kg/l; 50...187.3 lb/ft <sup>3</sup>	-20...+200 °C; -4...+392 °F	-1...19 barg; -14.5...276 psig	0.3...5.5 m***; 1...18 ft***
<b>BM 26 KP</b> Ø63 mm/2.5"	0.8...3 kg/l; 50...187.3 lb/ft <sup>3</sup>	+20...+150 °C; +68...+302 °F	atm...9 barg; atm...131 psig	0.3...4 m***; 1...13 ft***

\* lower on request \*\* higher on request \*\*\* longer on request

## Highlights

- Proven technology with more than 40 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 meters, interface measurement etc.
- Measuring ranges from 0.3 m/1 ft up to 5.5 m/18 ft (longer on request)
- Totally redundant measurement by technology and predictive maintenance monitoring possible when equipped with two independent transmitters



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