

## Product No: 3951001RC1132010000

### BD SENSORS LMK809 PLASTIC PROBE FOR AGGRESSIVE MEDIA LMK809 PLASTIC PROBE FOR AGGRE 3951001RC1132010000

#### FEATURES

- Diameter 45 mm.
- Chemical resistance.
- High overpressure resistance.
- Especially for tank level measurement of viscous and aggressive media.
- Diaphragm 99.9 % Al<sub>2</sub>O<sub>3</sub>.
- Housing material PP-HT or PVDF.

#### General Information

Brand	BD SENSORS
Product Series	LMK 809
Product Type	Ceramic Sensor
Version	Standard

#### Technical Attributes

Accuracy	0.35 % FSO
Application	Sewage: Waste water treatment, water recycling, dumpsites. Aggressive Media: Level measurement in most of acids and lyes.
Electrical Connection	PUR-cable (black, Ø 7.4 mm) [Shielded cable with integrated ventilation tube for atmospheric pressure reference]
Electrical Protection	Short-circuit protection: Permanent, Reverse polarity protection: No damage, but also no function, Electromagnetic compatibility: emission and immunity according to EN 61326.
Input Pressure (bar)	1.0
Output Signal	4 ...20 mA / 2-wire
Permissible Temperatures	Medium / Electronic / Environment / Storage: -25 ... 80 °C
Response Time (ms)	Mean response time: < 200 [Measuring rate: 5/sec]

Max. response time: 380

Seals	FKM
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### Physical Attributes

Diaphragm Material	Ceramics Al <sub>2</sub> O <sub>3</sub> 99.9 %
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Housing Material	PP-HT
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### Dimensions

Cable Length (m)	10
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### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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