

## Product No: 3956000BC1333020000

### BD SENSORS LMK809 PLASTIC PROBE FOR AGGRESSIVE MEDIA LMK809 PLASTIC PROBE FOR AGGRE 3956000BC1333020000

#### 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	FEP-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)	0.60
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]

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Max. response time: 380

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Seals

EPDM

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### Physical Attributes

Diaphragm Material

Ceramics Al<sub>2</sub>O<sub>3</sub> 99.9 %

Housing Material

PVDF

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### Dimensions

Cable Length (m)

20

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### Resources

Product catalogue (Flipbook)

[Download from here](#)

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