

Product No: 140700333TA02002041

BD SENSORS 140700333TA02002041 DMP334 INDUSTRIAL PRESSURE TRA 140700333TA02002041

FEATURES

- Extremely robust.
- Excellent long-term stability.
- welded pressure sensor.

General Information

Brand	BD SENSORS
Product Series	DMP 334
Product Type	Thinfilm Sensor
Version	Standard (adjustable) [Not possible in combination with IS-version, compact field housing and cable outlet with PVC cable]

Technical Attributes

Accuracy	0.35 % FSO
Application	Plant and machine engineering. Commercial vehicles and mobile hydraulics.
Electrical Connection	Cable outlet with PVC cable (IP67) [Standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70 °C); others on request]
Electrical Protection	Short-circuit protection: Permanent, Reverse polarity protection: No damage, but also no function, Electromagnetic compatibility: emission and immunity according to EN 61326.
Mechanical Connection	G1/2" EN 837 [According to EN 837, the pressure port and the complement, at pressure over 1000 bar must be preferably made of stainless steel with a tensile strength of $RP > 260 \text{ N/mm}^2$ in accordance with DIN 17440. The maximum allowed pressure is 1600 bar!]
Mechanical Stability	Vibration: 10 g RMS (25 ... 2000 Hz) according to DIN EN 60068-2-6. Shock: 100 g / 11 msec according to DIN EN 60068-2-27.

Output Signal	0 ...10 V / 3-wire
Permissible Temperatures	Medium: -40 ... 140 °C Electronics / Environment: -40 ... 85 °C Storage: -40 ... 100 °C
Response Time (ms)	< 5
Seals	Without (welded version)

Resources

Product catalogue (Flipbook)

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