Submersible Pressure Sensor Type ABS MD 126

SULZER

Features

- Dry ceramic sensor
- Accuracy $\leq 0.3 \%$
- Cable according Bg V V-1.12.96 specifications



Ø 7.4

Ø15.0 Ø28.0

Dimensions (mm):

92.0

Technical specifications

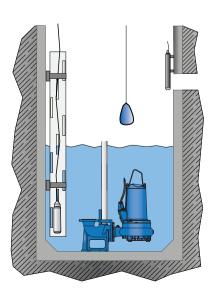
Description		
Material:		
Cable	PE, shielded	
Housing	Stainless steel 1.4404	
Sensor	Ceramic AL ₂ 0 ₃ , gold coated	
Output signal	420 mA, 2-wire, fixed to the sensors measuring range	
Accuracy	≤ ± 0.3 % FS @ 25 °C	
Max overload	8 bar	
Response time	200 ms	
Supply voltage	930 V DC	
Ambient temperature	-2580 °C	
Temperature coeff.	$\leq \pm$ 0.015 % FS/K (Zero)	
Long tem stability	≤ ± 0.3 % FS p.a.	
Protection	IP 68	
Weight of sensor	approx. 0.3 kg	
Weight of cable	0.4 kg / 10 m	
Electrical connection	PE cable with pressure compensation capillary and filter	

Measuring Range	Max. Overpressure	Cable Length
0 - 2.5 mH ₂ O	4 bar	10 m
0 - 2.5 mH ₂ O	4 bar	30 m
0 - 5 mH ₂ O	8 bar	10 m
0 - 10 mH ₂ O	8 bar	15 m

Mounting pressure sensor MD 126

In pits or tanks without turbulence the sensor can be mounted hanging freely in its cable.

If there is a strong turbulence we recommend that the sensor is protected inside a pipe, with a diameter of at least 50 mm, which is mounted vertical alongside the tank or pit wall.



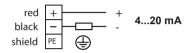
CE

MD 126 conform with the following Council Directives and Generic standards:

Safety: EN 61010-1:2010 EMC: EN 61326-1:2006

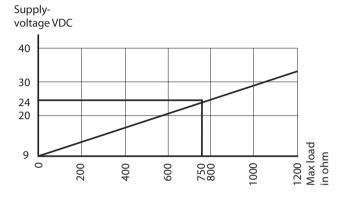
Electrical connections

4...20 mA, 2-wire



U = 9...30V DC

Load diagram



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