LEVEL MEASUREMENT | DATASHEET

FUEL LEVEL SENSOR LT1400

Features

- Compatible with water, saline, fuels, oils & chemicals
- Utilizing magnetic field to control the reed on-off switch.
- Length range from 100 to 2,000mm
- Stainless Steel construction
- □ SAE 5-Bolt or 1-¼"BSP thread mounting
- □ Accuracy 10 to 40mm
- □ Factory calibrated
- Suitable for truck, generators, bus and marine field.
- Widely used in fuel, water, kerosene and chemical tanks.

Performance Specifications

General	
Measuring range [mm]	100 to 2000
Measuring medium	Fuel, water, kerosene and chemical
Environmental	
Operating Temp. Range [°C]	-40 to +85°C
Protection	IP67
Electrical @25°C(77°F)	
Output Signal	0 to 190Ω, 240 to 33Ω
	4 to 20mA, 0 to 20mA
	0.5 to 4.5VDC, 0 to 5VDC
	option high or low level alarm switch
Power Supply	1032VDC
Rated power consumption	125 mW
Rated current for alarm switch	500 mA
Physical Specifications	
Housing	304/316 stainless steel
Cable	PVC/PA corrugated pipe cover is optional
Connector	Delphi, Tyco, or others are available
Performance	
Accuracy	10 to 40 mm

Ordering Code

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1	Measuring range	5
XXX	100mm to 2000mm	Sí
2	Output Signal	SZ
R1	0 to 190Ω	6
R2	240 to 33Ω	Μ
20	0 to 20 mA	Μ
42	4 to 20 mA	Μ
05	0 to 5 VDC	7
15	0.5 to 4.5 VDC	Н
99	Custom	L
3	Mounting	W
B1	1-¼"BSP thread	8
B2	SAE 5-Bolt	S
4	Electrical connections	Ν
E1	PVC cable without connector	С
F2	PVC cable with connector	

5	Probe material
S1	304 Stainless steel
S2	316 Stainless steel
6	Floats material
M1	Plastic
M2	304 Stainless steel
M3	316 Stainless steel
7	Alarm switch
Н	High level alarm switch
L	Low level alarm switch
W	Without level alarm switch
8	Label
S	Standard
Ν	Neutral packing

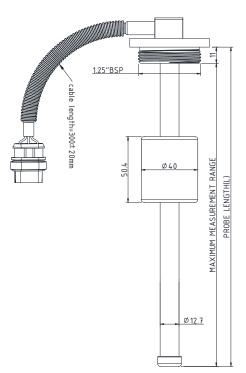
- Custom label
- E2 PVC cable with connector

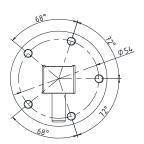
Order Note

1. Please pay attention that the media should be compatible with contacting material;

2. If the user has special requirement, please feel free to contact our company.







Materontek