

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	10...32VDC
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

ULT1400 - ¹ - ² - ³ - ⁴ - ⁵ - ⁶ - ⁷ - ⁸

1 Measuring range	5 Probe material
XXX 100mm to 2000mm	S1 304 Stainless steel
2 Output Signal	S2 316 Stainless steel
R1 0 to 190Ω	6 Floats material
R2 240 to 33Ω	M1 Plastic
20 0 to 20 mA	M2 304 Stainless steel
42 4 to 20 mA	M3 316 Stainless steel
05 0 to 5 VDC	7 Alarm switch
15 0.5 to 4.5 VDC	H High level alarm switch
99 Custom	L Low level alarm switch
3 Mounting	W Without level alarm switch
B1 1-¼" BSP thread	8 Label
B2 SAE 5-Bolt	S Standard
4 Electrical connections	N Neutral packing
E1 PVC cable without connector	C 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.

