

Overview

Product information



Pipeline liquid level detection sensor (capacitance) DCE15-13NO-30160000142

Detection distance: Sensing distance is adjustable (according to the measured liquid), Output mode: NPN, Indicator: Output indication: red LED, Repeatability: less than $\pm 0.2\text{mm}$

Product advantages

- ☒ Not affected by the color of the pipe liquid
- ☒ Suitable for pipe diameters of $\phi 8\sim 11\text{mm}$, $\phi 12\sim 26\text{mm}$
- ☒ Built-in amplifier to save installation space

Product certification

Technical data

Product drawing

3D model

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Electrical data

Switch mode	Normally Open
Output mode	NPN
Operating voltage	10~30V DC
Current consumption	$\leq 10\text{mA}$
Residual voltage	$\leq 1.5\text{V}$
Load current	150mA
Insulation resistance	$\geq 50\text{M}\Omega$ (500VDC)
Pressure resistance	AC 500V 1 minute $< 0.1\text{mA}$
Protection circuit	Power reverse polarity protection/surge protection/short circuit protection

Environmental parameters

Storage temperature	25~85℃
Vibration resistance	10~55Hz, 1.5mm amplitude, 2 hours each in X, Y, and Z directions
Protection level	IP67
Operating temperature	0~55℃

Basic parameters

How it works	Capacitive sensors
Shell style	Square
Installation	Tie the cable to the housing of the liquid to be tested
Detection distance	Sensing distance is adjustable (depending on the liquid being measured)
Indicator lights	Output indication: Red LED

Mechanical parameters

Connection	2m PVC cable
Size	5.03*24.49*22.4mm
Weight	0.046kg
Material	ABS

Accessories

Business data

Order number	30160000142
Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	0.046kg

