



ENGLISH

Datasheet

Stock No.184-5575

RS PRO Capacitive Sensor



Specifications:

Mounting: Non-flush
Rated distance Sn:
Assured distance Sa:
Shape size: 34*33*20mm
Output way: NPN
Output status: NO
Supply voltage: 10...30 VDC
Applicable pipeline: Non-metal, O. D.: \varnothing 12...26; Wall thickness
Switch point offset[%/Sr]: $\leq \pm 20\%$
Hysteresis range [%/Sr]: 3...20%
Repeated error: $\leq 3\%$
Load current: $\leq 200\text{mA}$
Residual voltage: $\leq 2.5\text{V}$
Current consumption: $\leq 15\text{mA}$
Protection circuit: Short-circuit, overload and Reverse polarity
Output indicator: Yellow LED
Ambient temperature: $-10^{\circ}\text{C} \dots 55^{\circ}\text{C}$
Ambient humidity: 35-95%RH
Switch frequency: 60 Hz
High pressure resistance: 1000V/AC 50/60Hz 60s
Insulation resistance: $\geq 50\text{M}\Omega(500\text{VDC})$
Vibration resistance: Complex amplitude 1.5mm 10...50Hz(2H per X,Y,Z direction)
Protection degree: IP67
Housing material: PBT
Connection: 2m PVC cable

Features:

- ◆ U type design for easier installation and detection
- ◆ Be able to detect various media via nonmetallic container;
- ◆ Widely applied in container detecting;

25/03/2019