



ENGLISH

Datasheet

Stock No.184-5628

RS PRO Capacitive Sensor



Specifications:

Mounting: Flush
Rated distance S_n : 10mm(adjustable)
Assured distance S_a : 0...8mm
Shape size:M30*79mm
Output status: NO
Supply voltage: 20...250 VAC
Standard target: Fe30*30*1t
Switch point offset[%/Sr]: $\leq \pm 20\%$
Hysteresis range [%/Sr]: 3...20%
Repeated error: $\leq 3\%$
Load current: $\leq 300\text{mA}$
Residual voltage: $\leq 10\text{V}$
Leakage current [Ir]: $\leq 3\text{mA}$
Circuit protection: ...
Output indicator: Yellow LED
Ambient temperature: -25°C ...70°C
Ambient humidity: 35-95%RH
Switch frequency: 15 Hz
Voltage withstand: 2000V/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: M12 connector

Features:

- ◆ Be able to detect both metal and nonmetal objects;
- ◆ Be able to detect various media via nonmetallic container;
- ◆ Reliable liquid level detecting;