## RFLS 01

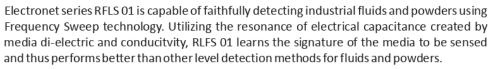
#### RF ADMITTANCE TYPE LEVEL SWITCH



### **Features**

- Frequency Sweep for material type detection
- Compact design with two independent outputs
- Suitable for media distinction
- Liquid fork simulation requires no calibration
- Process temperature -40°C to 125°C
- Suitable for materials with di-electric constant r >1.5
- Multicolor LED switch indicator
- Maintenance free
- PNP output







# Technical Specifications

Radiated signal	50- 300 MHz
Process connection	1" NPT, 1 ¼" NPT, 1 ½" NPT, 2" NPT, 1" BSP, 1 ¼" BSP, 1 ½" BSP, 2" BSP,
Process Temperature	-40°C to 125°C
Protection Class	IP-66, IP-68 (As per IS13947)
Media Pressure	Max. 100 Bar
Installation	Any position
Power Supply	18 to 36 V DC
Output (Active)	Max. 50mA and 100mA (configurable) short-circuit and
	high-temperature protected
Output Type	PNP Type
Output Polarity	No & NC
Off leak current	±20μA Max.
Reverse polarity protection	Yes
Reaction time	0.1 sec. (100 mS)
Repeatability	±1 mm
Cable	5 to 10 meters, 4 wire + shield
Certification	C€

Note: This product is meant for laboratory/Process application only and not for custody transfer application.

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