

Sensing Specifications

Flush Mountable	Shielded sensors only
Nominal Sensing Distance (Sn)	Direct Contact
Repeat Error (% of Sn)	<2%
Hysteresis (% of SN)	2-20% (5% is typical)

CE



Mechanical Specifications

Dimensions	1/2" NPT (see drawings)
DC Cable Versions	2 meter length, 3 wire, #22 AWG, .25"OD, PVC, UL2464
AC Cable Versions	2 meter length, 2 wire, #22 AWG, .25"OD, PVC, UL2464
DC connector Versions	M8 3-pin PICO
Enclosure Rating	IP67, NEMA 1,3,4,6,13
Operating Temperature Range	-25° to 70°C (-13 to 158°F)
Signal Indicator	Yellow LED
Power-on Indicator	Green LED
Sensitivity Adjustment	Potentiometer
Sensor Body Material	Plastic
Shock	30g, 11ms



Electrical Specifications

DC Versions AC Versions

Supply Voltage Range	5-48 VDC	24-240 VAC
Continuous Switching Current	300 mA	300 mA
Voltage Drop	<2V DC	<7.5 VAC
Current Consumption	<10 mA	n/a
Maximum Switching Frequency	100 Hz	25 Hz
Leakage Current	n/a	<1.5 mA
Transient Protection	Yes	2kV, 1ms, 1kOhm
Short Circuit Protection	Yes	n/a
Reverse Polarity Protection	Yes	n/a

Part Numbers

Supply Voltage	Shielded	Sensing Range	PNP (sourcing)	NPN (Sinking)	AC	Normally Open	Normally Closed	Termination	Part Number
5-48VDC	Y	Direct contact	Y			Y		Cable	C1ALLAP1-P
5-48VDC	Y	Direct contact	Y			Y		PICO	C1ALLAP2-P
5-48VDC	Y	Direct contact	Y				Y	Cable	C1ALLBP1-P
5-48VDC	Y	Direct contact	Y				Y	PICO	C1ALLBP2-P
5-48VDC	Y	Direct contact		Y		Y		Cable	C1ALLAN1-P
5-48VDC	Y	Direct contact		Y		Y		PICO	C1ALLAN2-P
5-48VDC	Y	Direct contact		Y			Y	Cable	C1ALLBN1-P
5-48VDC	Y	Direct contact		Y			Y	PICO	C1ALLBN2-P
5-48VDC		Direct contact	Y			Y		Cable	C2ALLAP1-P
5-48VDC		Direct contact	Y			Y		PICO	C2ALLAP2-P
5-48VDC		Direct contact	Y				Y	Cable	C2ALLBP1-P
5-48VDC		Direct contact	Y				Y	PICO	C2ALLBP2-P
5-48VDC		Direct contact		Y		Y		Cable	C2ALLAN1-P
5-48VDC		Direct contact		Y		Y		PICO	C2ALLAN2-P
5-48VDC		Direct contact		Y			Y	Cable	C2ALLBN1-P
5-48VDC		Direct contact		Y			Y	PICO	C2ALLBN2-P
24-240VAC	Y	Direct contact			Y	Y		Cable	C1ALLAF1-P
24-240VAC	Y	Direct contact			Y		Y	Cable	C1ALLBF1-P
24-240VAC		Direct contact			Y	Y		Cable	C2ALLAF1-P
24-240VAC		Direct contact			Y		Y	Cable	C2ALLBF1-P

