

Cylindrical Reed Proximity Switch



Series

P231

Switching Function - select one*

Contact Type		Voltage		Power	Current	Cable	Diameter	Conductors	Cable Type	Connection Scheme
		DC	AC							
A1	Normally open	100 V Max	150 V Max	10 W Max	0.5 A Max	UE	4.8 mm	2 x AWG24	Black Bipolar	
A2	Normally open	200 V Max	250 V Max	50 W Max	1 A Max	UM	5.1 mm	2 x AWG22		
A3	Normally open	250 V Max		100 W Max	3 A Max	UL	5.8 mm	2 x AWG20		
B1	Normally open X 2	100 V Max	125 V Max	10 W Max	0.5 A Max	UE	4.8 mm	2 x AWG24	Black Bipolar	
B2	Normally open X 2	100 V Max	125 V Max	10 W Max	0.5 A Max	UM	5.1 mm	2 x AWG22		
F1	Normally closed	150 V Max		10 W Max	0.5 A Max	UE	4.8 mm	2 x AWG24	Black Bipolar	
L1	Change Over	150 V Max		10 W Max	0.5 A Max	TU	4.9 mm	3 x AWG24	Black Tripolar	

*Voltage and amperage can be configured to meet project requirements as long as they remain within the device's operational range and do not exceed the specified maximum wattage.

Electrical Termination - select one

E1	Flying leads
E2	With round pins
E3	With faston 6.3mm sockets
E4	With faston 6.3mm x 0.8mm tabs

Working Temperature - select one

N	Normal = 68°F to 140°F (20°C to 60°C)
H	High Temp = -4°F to 194°F (-20°C to 90°C)

Cable Length - select one

xxx	Please specify in cm (Ex: 25)
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Technical Parameters

Electrical	Operating Frequency	250 imp/sec
Mechanical	Housing Material	Nonflammable Nylon Glass
	Housing Color	Black
	Mechanical Life	100,000,000 Cycles
	Repeatability at 77°F	0.1 mm
Environmental	Impact Resistance	30 g / 11 ms
	Vibration Resistance	0.35 mm (10-55 Hz)