

D.C Voltage 3 or 4-Wire PNP / NPN Types

		Cable type	Connector type
Supply voltage		10 to 30V DC	
Surge voltage protection		1KV for 10mS	
Polarity reversal protection		Incorporated	
Ripple		10% or less	
Current consumption		10mA / 20mA or less	
Output		<PNP Output type> PNP Open Collector transistor <ul style="list-style-type: none"> • Maximum sink current : 200/400mA • Applied voltage : 30V or less • Residual voltage : 2V or less 	<NPN Output type> NPN Open Collector transistor <ul style="list-style-type: none"> • Maximum sink current : 200/400mA • Applied voltage : 30V or less • Residual voltage : 2V or less
	Output operation	Normally open (3 wire), Normally open and Normally closed (4-wire)	
	Short circuit Protection	Incorporated	
Operation indicator		L.E.D	
Environmental resistance	Ambient temperature	-25 to +70° C	
	Ingress protection	IP67 (IEC 144)	IP65 (IEC144)
	Shock	30G acceleration in X,Y and Z directions	
	Vibration	55Hz frequency, 1.5mm amplitude for 1 hour	
Cable		2m	-

A.C Voltage 2-Wire Normally Open and Normally Closed Types

		Cable type	Connector type
Supply voltage		20 to 250V AC (50-60Hz)	
Current consumption		5mA or less	
Output		AC non-contact (thyristor output) <ul style="list-style-type: none"> • Load current : 500mA • Applied voltage : 20 to 250V AC • Residual voltage : 7V or less (at 500mA load current) 	
	Output operation	Normally open or Normally closed	
	Short circuit Protection	Incorporated	
Operation indicator		L.E.D	
Environmental resistance	Ambient temperature	-25 to +70° C	
	Ingress protection	IP67 (IEC 144)	IP65 (IEC144)
	Shock	30G acceleration in X,Y and Z directions	
	Vibration	55Hz frequency, 1.5mm amplitude for 1 hour	
Cable		2m	-