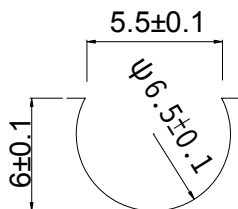


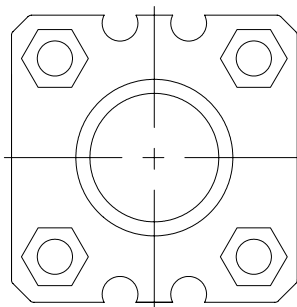
SD-50 Series:



Groove : (NORGREN)



Unit : mm



Specification

Type	SD - 50R		SD - 50N		SD - 50P
Characteristics					
Wiring	2Wire		3 Wire		
Connect Diagram					
Switching logic	Normally open		Solid state output, Normally open		
Output	Reed switch		NPN Sinking		PNP Sourcing
Lead wire type	Horizontal				
Load voltage	5 ~ 240V DC/AC		5~28V DC		
Load current	100mA Max.		200mA Max.		
Switching rating	10W Max.		6W Max.		
Current consumption	---		20mA Max.@ 24V		18mA Max.@ 24V
Voltage drop	2.5V Max.@ 40mA DC		0.5V Max.@ 200mA (Resistive load)		
Leakage current	---		0.01mA Max.		
Frequency	200Hz		1000Hz		
Shock	30G		50G		
Vibration	90 m/s ² (9G), Double amplitude 1.5 mm				
Insulation resistant	DC 500V 100MΩ (Lead wire to case)				
Withstand voltage	AC 1000V (50/60Hz) 1 minute (Lead wire to case)				
CE & Protection IP	EN60947-5-2 IEC529 IP67(NEMA 6)				
Indicator	Red LED			Green LED	
Cable	2.8φ, 2C, Gray PVC		2.8φ, 3C, Black PVC		
Temperature range	-10 ~ 70°C				
Protection circuit	---		Reverse polarity; Surge suppression		
Dimensions	SD-50R	SD-50N	SD-50P	M8 (2-Wire QD Link)	M8 (2-Wire E-QD Link)
	SD-50R-M8QD	SD-50N-M8QD	SD-50P-M8QD		
	SD-50R-M12QD	SD-50N-M12QD	SD-50P-M12QD		
M8&M12-Connector				M8 (3-Wire QD Link)	M12 (3-Wire QD Link)