



Capacitive Proximity Switches

RC4: DC PNP (3 Wire)
RC5: DC NPN (3 Wire)

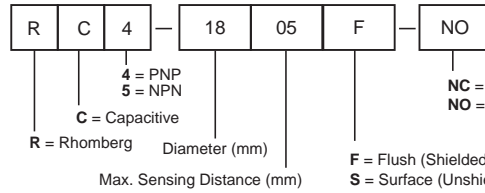
RC4

RC5



RC5-3010F- RC4-3020S- RC4-1805F- RC5-1810S-

ORDERING CODE



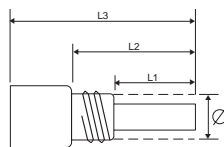
Note: Add "-MTP" for sensor with plug instead of cable

Part Number	Diameter Ø mm	Sensing Distance Sn mm	Length			Type
			L1 mm	L2 mm	L3 mm	
PNP						
RC4-1805F- *	M18x1	5	80			3 Wire Shielded
RC4-1810S- *	M18x1	10	80	15		3 Wire Unshielded
RC4-3010F- *	M30x1.5	10	80			3 Wire Shielded
RC4-3020S- *	M30x1.5	20	80	15		3 Wire Unshielded
RC4-4020S- * -PBT	1.5" BSP	20	60	85	140	Plastic Body
NPN						
RC5-1805F- *	M18x1	5	80			3 Wire Shielded
RC5-1810S- *	M18x1	10	80	15		3 Wire Unshielded
RC5-3010F- *	M30x1.5	10	80			3 Wire Shielded
RC5-3020S- *	M30x1.5	20	80	15		3 Wire Unshielded
RC5-4020S- * -PBT	1.5" BSP	20	60	85	140	Plastic Body

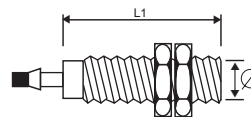
* specify NO or NC



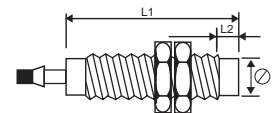
RC4-4020S
RC5-4020S



1.5" BSP Thread



Flush (shielded)



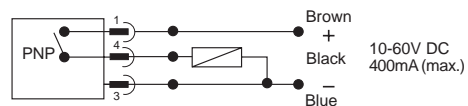
Non-flush (unshielded)

Technical Specifications

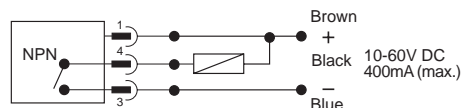
DC Sensors are designed to be connected to a DC Power supply and can switch loads (eg. relays, solenoids, PLC's) directly.

Supply voltage: 10 to 60 VDC
 Maximum ripple: 10%
 Maximum load current: 400mA
 Quiescent current: <10mA
 Polarity protection: Yes
 Overload protection: Yes
 Short circuit protection: Yes

Max switching frequency: 80 Hz
 Temperature Drift: <25% (10% typical)
 Hysteresis (typical): 10%
 Protection: IP67
 Operational Temp: -20°C to 70°C
 Cable length: 2m
 Cable colour stripe: yellow (for PNP), green (for NPN)
 LED colour: Red (NO) or Green (NC)



R14: NO or NC



R15: NO or NC