





	10mm	15mm	21mm	43mm
				
Min. Target Size	D=2.5mm; L=4mm	D=3mm; L=6mm	D=6mm; L=12mm	D=9mm; L=18mm
Operating Voltage & Ripple	10-250 VAC			
Min. Time Between Objects	-			
No Load Current	≤1.8mA			
Max. Load Current	≤400mA			
Leakage Current	≤1.8mA			
Surge Current	5mA (20ms)			
Min. Load Current	5mA			
Voltage Drop	<8 VAC at 400mA			
Switching Frequency	8Hz			
Pulse Duration	-			
Switching Hysteresis	-			
Repeat Accuracy	<1.0% (Sr)			
Protection Category	IP67			
Operating Temperature	-25°C - +70°C			
Temperature Drift	<10% (Sr)			
Reverse Polarity Protection	-			
Short Circuit Protection	-			
Overload Trip Point	-			
EMC	RFI>3V/m / EFT>1KV / ESD>4KV (contact)			
Shock / Vibration	IEC 60947-5-2, Part 7.4.1 & Part 7.4.2			
Housing Material				
Part Numbers				
DC 3 wire 10-30V NPN N.O.				
DC 3 wire 10-30V NPN N.C.				
DC 3 wire 10-30V PNP N.O.				
DC 3 wire 10-30V PNP N.C.				
DC 4 wire 10-30V Changeover NPN				
DC 4 wire 10-30V Changeover PNP				
DC 2 wire 10-60V N.O.				
DC 2 wire 10-60V N.C.				
AC 2 wire 20-250V N.O.	RRP2-R1020A-A2L2	RRP2-R1520A-A2L2	RRP2-R2120A-A2L2	RRP2-R4320A-A2L2
AC 2 wire 20-250V N.C.	RRP2-R1020A-B2L2	RRP2-R1520A-B2L2	RRP2-R2120A-B2L2	RRP2-R4320A-B2L2
NAMUR				
Diagrams (units in mm)				
	