





	Q25x40x12	Q25x40x12	5-Way	5-Way
				
Sensing Distance	2 mm	4mm	15mm	30mm
Operating Voltage	10-30 VDC			
Ripple	<10%			
No Load Current	<10mA			
Max. Load Current	200mA			
Leakage Current	<0.01mA			
Surge Current	-			
Min. Load Current	-			
Voltage Drop	<1.5V			
Switching Frequency	300 Hz	100 Hz	100 Hz	100 Hz
Response Time	0.5ms/0.5ms	1.0ms/1.0ms	1.0ms/1.0ms	1.0ms/1.0ms
Switching Hysteresis	<15% (Sr)			
Repeat Accuracy	<1.0% (Sr)			
Protection Category	IP67			
Operating Temperature	-25°C - +70°C			
Temperature Drift	<10% (Sr)			
Short Circuit Protection	Yes			
Overload Trip Point	220mA			
Time Delay Before Availability	<10ms			
Shock / Vibration	IEC 60947-5-2, Part 7.4.1 & 7.4.2			
Connection	2 meter cable		1/2"-14 NPT or PG13.5	
Housing Material	ABS		PBT	
Part Numbers	Shielded	Unshielded	Shielded	Unshielded
DC 3 wire 10-30V NPN N.O.	FQP1-4002N-A3U2	FQP2-4004N-A3U2	FQP1-4015N-A3U	FQP2-4030N-A3U2
DC 3 wire 10-30V NPN N.C.	FQP1-4002N-B3U2	FQP2-4004N-B3U2	FQP1-4015N-B3U	FQP2-4030N-B3U2
DC 3 wire 10-30V PNP N.O.	FQP1-4002P-A3U2	FQP2-4004P-A3U2	FQP1-4015P-A3U	FQP2-4030P-A3U2
DC 3 wire 10-30V PNP N.C.	FQP1-4002P-B3U2	FQP2-4004P-B3U2	FQP1-4015P-B3U	FQP2-4030P-B3U2
DC 4 wire 10-30V Changeover NPN				FQP2-4030N-SRU4
DC 4 wire 10-30V Changeover PNP				FQP2-4030P-SRU4
DC 2 wire 10-60V N.O.				
DC 2 wire 10-60V N.C.				
DC 3 wire 5-36V NPN N.O.				
DC 3 wire 5-36V NPN N.C.				
DC 3 wire 5-36V PNP N.O.				
DC 3 wire 5-36V PNP N.C.				
DC 4 wire 5-36V Changeover NPN				
DC 4 wire 5-36V Changeover PNP				
Diagrams (units in mm)	