





	8mm	8mm	15mm	15mm
				
Sensing Distance	2.5 mm	2.5 mm	4 mm	4 mm
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 (10-30V) or <1.0V (5-36V)			
Switching Frequency	500 Hz	500 Hz	250 Hz	250 Hz
Response Time	0.5ms/0.5ms	0.5ms/0.5ms	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			
Material Active Face	-			
Housing Material	Polycarbonate			
Part Numbers	Unshielded	Unshielded	Unshielded	Unshielded
DC 3 wire 10-30V NPN N.O.	MQP2-882.5N-A3U5F	MQP2-882.5N-A3U5T	MQP2-1504N-A3U5F	MQP2-1504N-A3U5T
DC 3 wire 10-30V NPN N.C.	MQP2-882.5N-B3U5F	MQP2-882.5N-B3U5T	MQP2-1504N-B3U5F	MQP2-1504N-B3U5T
DC 3 wire 10-30V PNP N.O.	MQP2-882.5P-A3U5F	MQP2-882.5P-A3U5T	MQP2-1504P-A3U5F	MQP2-1504P-A3U5T
DC 3 wire 10-30V PNP N.C.	MQP2-882.5P-B3U5F	MQP2-882.5P-B3U5T	MQP2-1504P-B3U5F	MQP2-1504P-B3U5T
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.				
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)	