





	M8	M8	M8	M8
				
Sensing Distance	2mm	4mm	2mm	4mm
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	2 KHz	1 KHz	2 KHz	1 KHz
Response Time	0.1ms/0.1ms	0.2ms/0.2ms	0.1ms/0.1ms	0.2ms/0.2ms
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	POM			
Housing Material	Stainless Steel			
Part Numbers	Shielded	Unshielded	Shielded	Unshielded
DC 3 wire 10-30V NPN N.O.	ECU1-0802N-A3U2	ECU2-0804N-A3U2	ECU1-0802N-A3S2	ECU2-0804N-A3S2
DC 3 wire 10-30V NPN N.C.	ECU1-0802N-B3U2	ECU2-0804N-B3U2	ECU1-0802N-B3S2	ECU2-0804N-B3S2
DC 3 wire 10-30V PNP N.O.	ECU1-0802P-A3U2	ECU2-0804P-A3U2	ECU1-0802P-A3S2	ECU2-0804P-A3S2
DC 3 wire 10-30V PNP N.C.	ECU1-0802P-B3U2	ECU2-0804P-B3U2	ECU1-0802P-B3S2	ECU2-0804P-B3S2
DC 2 wire 10-60V N.O.	ECU1-0802C-A2U2	ECU2-0804C-A2U2		
DC 2 wire 10-60V N.C.	ECU1-0802C-B2U2	ECU2-0804C-B2U2		
Diagrams (units in mm)	