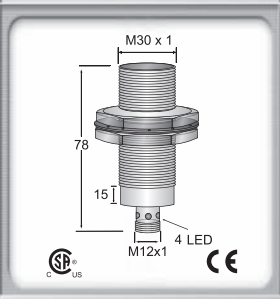
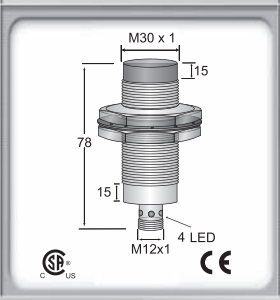
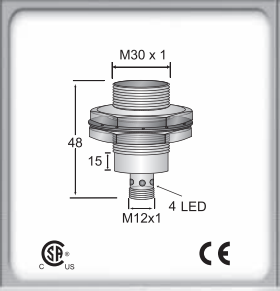
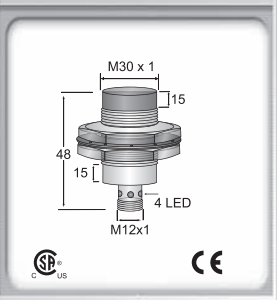
Long Range - M30

	M30	M30	M30	M30
Sensing Distance	22 mm	40 mm	22 mm	40 mm
Operating Voltage	10-30 VDC		10-30 VDC	
Ripple	<10%		<10%	
No Load Current	<10mA		<10mA	
Max. Load Current	200mA		200mA	
Leakage Current	<0.01mA		<0.05mA	
Surge Current	-		-	
Min. Load Current	-		-	
Voltage Drop	<2V		<2V	
Switching Frequency	300 Hz	100 Hz	300 Hz	100 Hz
Response Time	0.5ms/0.5ms	1ms/1ms	0.5ms/0.5ms	1ms/1ms
Switching Hysteresis	<15% (Sr)		<15% (Sr)	
Repeat Accuracy	<1.0% (Sr)		<1.0% (Sr)	
Protection Category	IP67		IP67	
Operating Temperature	-25°C - +70°C		-25°C - +70°C	
Temperature Drift	<10% (Sr)		<10% (Sr)	
Short Circuit Protection	Yes		Yes	
Overload Trip Point	220mA		220mA	
Time Delay Before Availability	<10ms		<10ms	
Shock / Vibration	IEC 60947-5-2, Part 7.4.1 & 7.4.2		IEC 60947-5-2, Part 7.4.1 & 7.4.2	
Material Active Face	PBT		PBT	
Housing Material	Chrome-plated Brass		Chrome-plated Brass	
Part Numbers	Shielded	Unshielded	Shielded	Unshielded
DC 3 wire 10-30V NPN N.O.	LCM1-3022N-ARU4	LCM2-3040N-ARU4	LCM1-3022N-ARS4	LCM2-3040N-ARS4
DC 3 wire 10-30V NPN N.C.	LCM1-3022N-BRU4	LCM2-3040N-BRU4	LCM1-3022N-BRS4	LCM2-3040N-BRS4
DC 3 wire 10-30V PNP N.O.	LCM1-3022P-ARU4	LCM2-3040P-ARU4	LCM1-3022P-ARS4	LCM2-3040P-ARS4
DC 3 wire 10-30V PNP N.C.	LCM1-3022P-BRU4	LCM2-3040P-BRU4	LCM1-3022P-BRS4	LCM2-3040P-BRS4
Diagrams (units in mm)			Short Body	Short Body