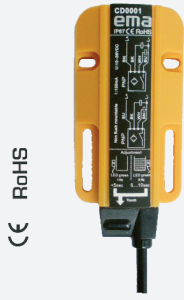




Size	35 × 70mm		
Type	Smart	Smart	Knob
Standard	Cable	Connector	Cable
Sensing range	25mm	25mm	15mm
			
	CE RoHS	CE RoHS	CE RoHS
3 wire PNP NO/NC	CD0001	CD0003	CD0011
3 wire NPN NO/NC	CD0002	CD0004	CD0012
Sensing surface	Non-flush	Non-flush	Non-flush
Operating voltage[V]	10 ~ 36VDC	10 ~ 36VDC	10 ~ 36VDC
Current loading[mA]	200mA	200mA	250mA
Short-circuit protection	Pulsed	Pulsed	Pulsed
Reverse polarity protection	Yes	Yes	Yes
Overload protection	Yes	Yes	Yes
Voltage drop[V]	< 2.5	< 2.5	< 2.5
Current consumption[mA]	< 30(24VDC)	< 30(24VDC)	< 15(24VDC)
Real sensing range[mm]	25 ± 10%	25 ± 10%	15 ± 10%
Operating range[mm]	0...20	0...20	0...15
Switch-point drift [%Sr]	-15...15	-15...15	-15...15
Hysteresis [%Sr]	1...15	1...15	1...15
Switching frequency [Hz]	5	5	40
Ambient temperature [°C/°F]	-25...+80/-13...+176	-25...+80/-13...+176	-25...+80/-13...+176
Protection classification	IP67	IP67	IP67
Adjustment factors	Water=1/Glass approx 0.4/Ceramic approx 0.2/PVC approx 0.2		
Housing material	PA66+GF		PP+PC
Switching state	display LED	Yellow(90°)	Yellow(90°)
	operation LED	Green(90°)	Green(90°)
	function LED	Red(90°)	Red(90°)
Connection	PVC-cable/2m;4 × 0.14mm <sup>2</sup>	M8 Connector	PVC-cable/2m;4 × 0.14mm <sup>2</sup>
Accessories	Metal plate	Metal plate	Screw driver, Four gaskets
Drawing	