

Item Code	CR12		CR12	
Mounting	● Flushed	◐ Non-flushed	● Flushed	◐ Non-flushed
Sensing distance	2mm	4mm	2mm	4mm



Output	NPN NO	CR12CF02DNO	CR12CN04DNO	CR12CF02DNO-E2	CR12CN04DNO-E2
	NPN NC	CR12CF02DNC	CR12CN04DNC	CR12CF02DNC-E2	CR12CN04DNC-E2
Output	PNP NO	CR12CF02DPO	CR12CN04DPO	CR12CF02DPO-E2	CR12CN04DPO-E2
	PNP NC	CR12CF02DPC	CR12CN04DPC	CR12CF02DPC-E2	CR12CN04DPC-E2

Technical Parameter				
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Temperature drift	< ±10%	< ±10%	< ±10%	< ±10%
Load current	<200mA	<200mA	<200mA	<200mA
Voltage drop	<2.5V	<2.5V	<2.5V	<2.5V
Consumption current	<15mA	<15mA	<15mA	<15mA
Hysteresis	3...20%	3...20%	3...20%	3...20%
Repeat accuracy	<3%	<3%	<3%	<3%
Frequency	50Hz	50Hz	50Hz	50Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes
Short-circuit protection	yes	yes	yes	yes
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67
Housing material	Nickel-copper Alloy	Nickel-copper Alloy	Nickel-copper Alloy	Nickel-copper Alloy
Connection	2m PVC Cable	2m PVC Cable	M12 Connector	M12 Connector
Certification	CE U <sub>L</sub>	CE U <sub>L</sub>	CE U <sub>L</sub>	CE U <sub>L</sub>

