

Item Code	CR18S		CR18S	
Mounting	● Flush	○ Non-flush	● Flush	○ Non-flush
Sensing distance	5mm	8mm	5mm	8mm



Output	NPN NO	CR18SCF05DNO	CR18SCN08DNO	CR18SCF05DNO-E2	CR18SCN08DNO-E2
	NPN NC	CR18SCF05DNC	CR18SCN08DNC	CR18SCF05DNC-E2	CR18SCN08DNC-E2
	NPN NO+NC	CR18SCF05DNR	CR18SCN08DNR	CR18SCF05DNR-E2	CR18SCN08DNR-E2
Output	PNP NO	CR18SCF05DPO	CR18SCN08DPO	CR18SCF05DPO-E2	CR18SCN08DPO-E2
	PNP NC	CR18SCF05DPC	CR18SCN08DPC	CR18SCF05DPC-E2	CR18SCN08DPC-E2
	PNP NO+NC	CR18SCF05DPR	CR18SCN08DPR	CR18SCF05DPR-E2	CR18SCN08DPR-E2

Technical Parameter				
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±20% Sr	< ±20% Sr	< ±20% Sr	< ±20% Sr
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
Impulse voltage withstand	1000V/AC 50/60Hz 60s	1000V/AC 50/60Hz 60s	1000V/AC 50/60Hz 60s	1000V/AC 50/60Hz 60s
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	PBT	PBT	PBT	PBT
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>

