

Safety detection solutions

Contactless RFID safety switches
XCSR standalone model
Unique code (high level coding)

Type	Standalone contactless RFID safety switches
	Connection via M12 connector

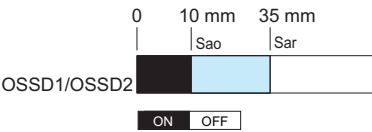


References				
Composition	Functions	Unique pairing	Two new pairings possible	Weight kg
■ Reader ■ Multiposition sensor transponder ■ Transponder and reader factory paired ■ 4 blanking plugs ■ Quick Start Guide ■ EU declaration of conformity	EDM, automatic restart	XCSRC11AM12	XCSRC31AM12	0.100
	EDM, monitored manual restart (1)	XCSRC11MM12	XCSRC31MM12	0.100

Detection characteristics (2)	
Typical operating sensing distance (for detection of transponder presence)	15 mm
Assured operating sensing distance	Sao: 10 mm
Typical release sensing distance (for detection of transponder absence)	18 mm
Assured release distance	Sar: 35 mm
Repeat accuracy	≤ 10% x Sr
Hysteresis	3% x Sr ≤ H ≤ 20% x Sr (Sr: real sensing distance)

Output states

Output states shown are with the dedicated transponder positioned in front of the reader.



- Outputs closed
- Outputs open
- Transient state

Sao: Assured operating sensing distance
Sar: Assured release distance
Conforming to EN/IEC 60947-5-3

Connections

8-pin M12 connector	
	1 + 24 V --- 2 OSSD2 3 0 V --- 4 OSSD1 5 EDM_ST_1 6 EDM_ST_2 7 NC (not connected) 8 NC (not connected)

(1) The start command is effective after the operator has pressed and released the start button.
(2) These values are given for a face-to-face mounting configuration of the reader and transponder on a non-magnetic support, without misalignment between the transponder and the reader, and at an ambient temperature between +20 and +25 °C.