

Safety detection solutions

Contactless RFID safety switches

XCSR single model

Unique code (high level coding)

Type

Single contactless RFID safety switches

Connection via M12 connector



Certified



References

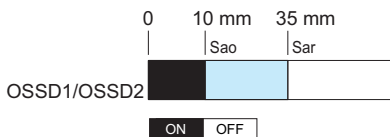
Composition	Unique pairing	Two new pairings possible	Weight kg
<ul style="list-style-type: none"> ■ Reader ■ Multiposition sensor transponder ■ Transponder and reader factory-paired ■ 4 blanking plugs ■ Quick Start Guide ■ EU declaration of conformity 	XCSRC10M12	XCSRC30M12	0.100

Detection characteristics (1)

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.

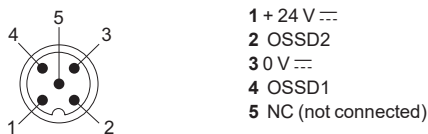


- Outputs closed
- Outputs open
- Transient state

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

Connections

5-pin M12 connector



(1) 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.