

# SI-RFDT-LP8

## RFID SAFETY SWITCHES



SI-RF Safety Switch; ISD Compatible  
 Coding: Low; Diagnostics: ISD  
 Reset: Automatic; Connector: 250 mm 8-pin M12  
 Pigtail QD  
 Used With: SI-RF-A  
 Part Number: 806398

### CERTIFICATIONS




## ACCESSORIES TO COMPLETE YOUR SYSTEM

Add all or individual items to your cart. More options available below.

	<b>SI-RFA-TS</b>
SI-RF ISD Tee T Adapter for series connection IP68 Rated	
	<b>SI-RF-A</b>
SI-RF Safety Switch: Standard Actuator Dimensions: 15 mm x 26 mm x 36 mm	
	<b>SC10-2ROE</b>
SC10-2roe Safety Controller ISD Compatible (2 ISD Chains) 10 Inputs 2 Relay Outputs (3 NO, 6 A each) Terminal LEDs; 4 Convertible Inputs Push-In Spring Clamp Terminals; 24 V dc; 240-580 mA	

## SPECIFICATIONS

ISD Connect Compatible	Yes
IP Rating	IP69
Supply Voltage	24 V dc
Item Status	RELEASED
Switch Style	Non-Contact
Device Type	RFID - Sensor
Primary Housing Material	Thermoplastic
In-Series Diagnostics	Yes
Actuation	Standard
Device Size	36 x 26 x 15
Device Shape	Rectangular
Min Op. Temperature (C)	-25
Max Op. Temperature (C)	70
Relative Humidity	93% @ 50 °C
PL Rating	PL e
SIL Rating	SIL CL 3

 Offline (Contact Us)

Safety Category	Cat 4
SISTEMA	PFHd of 1 x 10 <sup>-9</sup>
Actuator (Safety) Contacts	2 NC
Monitor (Locked) Contacts	N/A
Output Type	OSSD
OSSD Rating	24 VDC @ 0.1 A each
Connection Type	M12 Pigtail
Connection	Pigtail QD
Feature: Cascade	Yes
Feature: Lockable	No
Feature: Quick Disconnect	Yes
Number of Pins	8
Sao Minimum (mm)	10
Sar Maximum (mm)	25
Sn Typical	13
H Typical (mm)	2
Rated Operating Current	50 mA + output loads
Coding Level/Tamper Resistance	Low
Trip Latch Output	Trip
Auxilliary Output	No
Response Time (ms)	100
EPLAN Status	Published
EPLAN Original Sent Date	04/21/2022

## COMPATIBLE PRODUCTS

## MISCELLANEOUS

<b>SI-RFA-P</b>
SI-RF ISD Terminator Termination plug M12 IP68 Rated
 <b>SI-RFA-TS</b>
SI-RF ISD Tee T Adapter for series connection IP68 Rated


<b>BC-M12F8-24-1</b>
Cordset: Single-Ended M12 8-pin Straight Female Connector 1 m (3.28 ft) 8x24 Black PVC Jacket Nickel-Plated Brass Coupling Nut
<b>BC-M12F8-24-10</b>
Cordset: Single-Ended M12 8-pin Straight Female Connector 10 m (32.8 ft) Black PVC Jacket Nickel-Plated Brass Coupling Nut
<b>BC-M12F8-24-2</b>
Cordset: Single-Ended M12 8-pin Straight Female Connector 2 m (6.56 ft) Black PVC Jacket Nickel-Plated Brass Coupling Nut


<b>BC-M12F8-24-5</b>
<p>Cordset: Single-Ended M12        8-pin Straight Female Connector        5 m (16.4 ft) Black PVC Jacket        Nickel-Plated Brass Coupling Nut</p>
<b>MQDC-415</b>
<p>Cordset: Single-Ended M12        4-pin Straight Female        5 m (16.4 ft) 4x22 Black PVC Jacket        Nickel-Plated Brass Coupling Nut</p>
<b>MQDEC-412SS</b>
<p>Cordset: Double-Ended M12        4-pin Straight Female; 4-pin Straight Male        3.66 m 4x22 Black PVC Jacket        Nickel-Plated Brass Coupling Nuts</p>

## ISD TO IO-LINK MODULES

<b>SI-RFA-DM1</b>
<p>SI-RF Safety Switch: IO-Link Diagnostic Module        Digital Outputs: 8; Diagnostic Circuits: 1        Interfaces: IO-Link, NFC, USB 2.0</p>

## SI-RF RFID SAFETY SWITCHES

 <b>SI-RF-A</b>
<p>SI-RF Safety Switch: Standard Actuator        Dimensions: 15 mm x 26 mm x 36 mm</p>
<b>SI-RF-A2</b>
<p>SI-RF Safety Switch: Small Profile Actuator        Dimensions: 18 mm x 18 mm x 36 mm</p>

 <b>SC10-2ROE</b>
<p>SC10-2roe Safety Controller        ISD Compatible (2 ISD Chains) 10 Inputs 2 Relay Outputs (3 NO, 6 A each)        Terminal LEDs; 4 Convertible Inputs        Push-In Spring Clamp Terminals; 24 V dc; 240-580 mA</p>
<b>SC26-2DE</b>
<p>SC26-2DE Safety Controller: Non Expandable; 26 Input        2 pairs of PNP Safety Outputs (0.5 A each); Display; Ethernet        USB; 8 Convertible Inputs; Removable Screw Terminals        24 V dc; 160 mA</p>
<b>XS26-2DE</b>
<p>XS26-2DE Safety Controller: Expandable; 26 Input        2 pairs of PNP Safety Outputs (0.5 A each); Display; Ethernet        USB; 8 Convertible Inputs; Removable Screw Terminals        24 V dc; 160 mA</p>

<b>UM-FA-9A</b>
<p>Safety Relay Module for Safety Light Curtain/Scanner/E-Stop/Interlock        Supply Voltage: 24 V ac/dc        Safety Input: 1 Dual/Single Channel        Safety Output: 3 NO, 6 A; Aux Output: None        Terminal Block: Removable; Width: 22.5 mm        Self-Checking Circuitry, Auto/Manual Reset</p>