



SSP

Safety System Products

HOLDX S1-I3-A-P SET

SET HOLDX S1 process lock with RFID safety sensor

Your advantages

- Compact process lock
- 500 N locking force
- RFID sensor
- LED diagnosis
-



To the downloads ►

we simplify safety

HOLDX S1-I3-A-P SET

The new SAFIX 3 RFID safety sensor impresses due to its compact design and a hole distance of 22 mm. It can be actuated from the front and both sides and is available in 3 different versions with a choice of low level or high level coding according to EN ISO 14419. The sensor has protection class IP69K, holds an ECOLAB approval and can either be purchased with an M12, 8-pole pigtail cable or a fixed cable length of 5 or 10 metres.

Thanks to its OSSD output signals, the sensor can be connected to all standard control and safety relays. A total of up to 30 sensors can be switched in series. An information signal and a three colour LED display on the sensor are provided for diagnosis purposes.

General data

Type designation	HOLDX S1-I3-A-P SET
Item number	SP-X-73-000-53
Functional type	RFID Safety sensor

Safety-relevant data SAFIX 3

Service life TM (EN ISO 13849-1)	20 Years
Coding levels	Individual

Safety data

SIL (acc. IEC 62061)	SIL3, SILCL3
Approvals	TÜV_SÜD, CE

Environmental conditions

Max. storage temperature	-25 ... +70 °C
Max. operating temperature	-20 °C ... +50 °C °C
Contamination level	3

Electrical data

Overvoltage category	III
Design / Connections	M12 male connector, 8-pin / Safety sensor: M12 female connector, 8-pin
Rated operating voltage Ue	24 V

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Supply voltage	Ue: 24 VDC – 15%/+ 10% (PELV according to 60204-1) V
Switching frequency	1 k
- Solenoid control	IN, Pin 8
Connection type	sourcing output, short-circuit proof
Utilisation category	DC-13

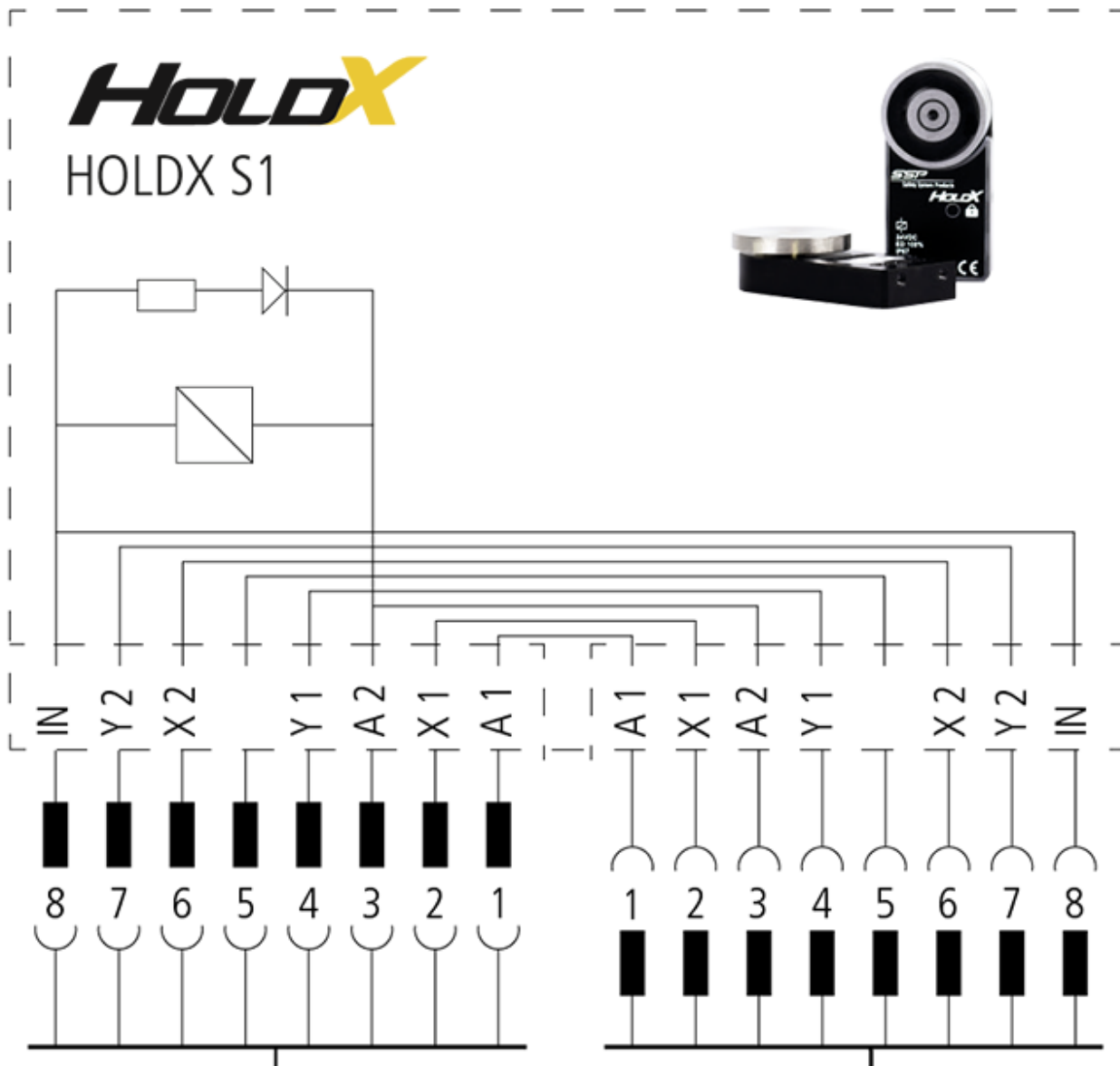
Mechanical data

Locking force Fmax	IP67 N
-typical	500 N
- guaranteed	30 N
Height offset	± 2,5 mm
Lateral offset	± 2,5 mm
Housing material	Aluminium, hard anodised
Anchor plate material	Steel, nickel-plated
Shock resistance	30 g/11 ms
Mechanical service life	>10 ⁷ switching cycles
Height	49 mm

Electrical drawings

HOLDX S1-I3-A-P SET

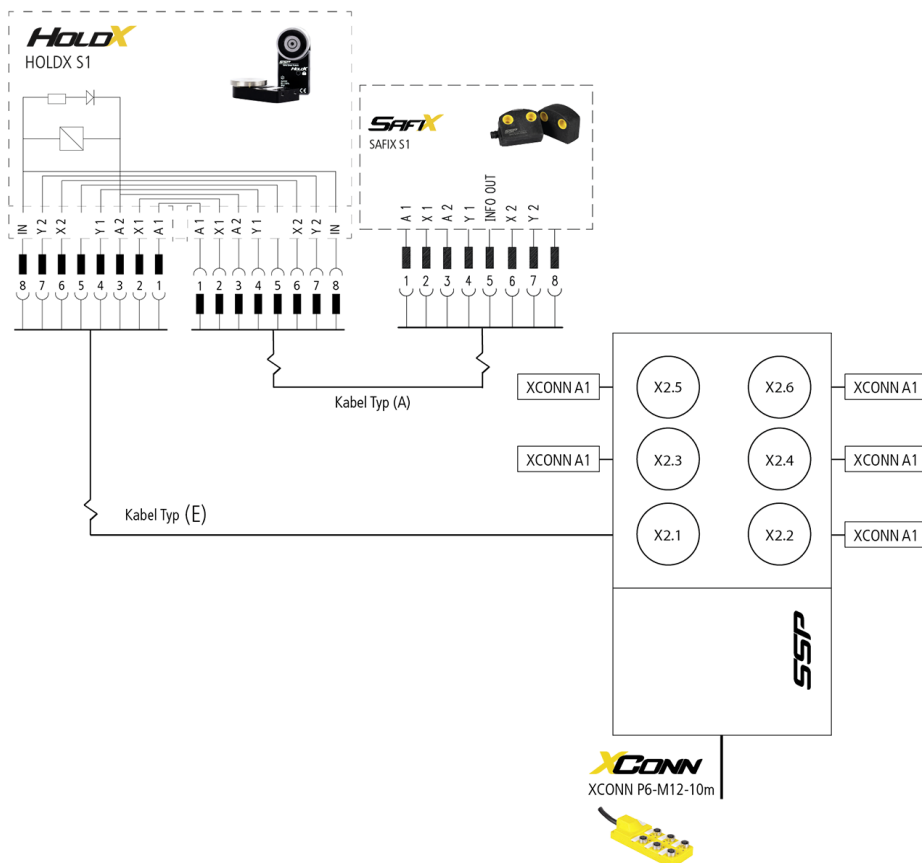
Connection example 1



HOLDX S1-I3-A-P SET

Connection example 2

Verdrahtungskonzept SAFIX, HOLDX S1 & XCONN



Equipment

Accessories

M12-female connector, 8 pin, 10 m

C8D10

SP-R-13-309-81



M12-female connector, 8 pin, 15 m

C8D15

SP-R-13-309-82



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M12-female connector, 8 pin, 25 m	C8D25	SP-R-13-309-67	
M12-female connector, 8 pin, 40 m	C8D40	SP-R-13-309-66	
M12-female connector, 8 pin, 5 m	C8D5	SP-R-13-309-80	
M8-M12-connecting cable, 8 pin, 0,15 m	M8-M12-C80153-VG	SP-X-33-000-18	
M8-M12-connecting cable, 8 pin, 10 m	M8-M12-C8103-G	SP-X-33-000-17	
M8-M12-connecting cable, 8 pin, 1 m	M8-M12-C813-G	SP-X-33-000-14	
M8-M12-connecting cable, 8 pin, 2 m	M8-M12-C823-G	SP-X-33-000-15	

Safety switches

RFID Safety Sensor, low coded, EDM, autom. reset,
10m

SAFIX S3-A-10M

SP-E-76-000-08



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RFID Safety Sensor, low coded, EDM, autom. reset, 5m	SAFIX S3-A-5M	SP-E-76-000-10	
RFID safety sensor, low coded, EDM, autom. reset, Pigtail	SAFIX S3-A-P	SP-E-76-000-01	
RFID Safety Sensor, low coded, EDM, man. reset, 10m	SAFIX S3-X-10M	SP-E-76-000-12	
RFID Safety Sensor, low coded, EDM, man. reset, 5m	SAFIX S3-X-5M	SP-E-76-000-14	
RFID Safety Sensor, low coded, EDM, man. Reset, Pigtail	SAFIX S3-X-P	SP-E-76-000-02	
RFID Safety Sensor, high coded, EDM, autom. reset, 10m	SAFIX Set I3-A-10M	SP-E-76-000-46	
RFID Safety Sensor, high coded, EDM, autom. reset, 5m	SAFIX Set I3-A-5M	SP-E-76-000-48	
RFID Safety Sensor, high coded, EDM, autom. reset, Pigtail	SAFIX Set I3-A-P	SP-E-76-000-33	

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RFID Safety Sensor, high coded, EDM, man. reset, 10m	SAFIX Set I3-X-10M	SP-E-76-000-50	
RFID Safety Sensor, high coded, EDM, man. reset, 5m	SAFIX Set I3-X-5M	SP-E-76-000-52	
RFID Safety Sensor, high coded, EDM, man. reset, Pigtail	SAFIX Set I3-X-P	SP-E-76-000-34	
Standard-Actuator for SAFIX 3	SAFIX T5	SP-E-76-000-00	
Flat actuator for SAFIX 3	SAFIX T6	SP-E-76-000-61	
RFID Safety Sensor, high coded, EDM, autom. reset, 10m	SAFIX W3-A-10M	SP-E-76-000-24	
RFID Safety Sensor, high coded, EDM, autom. reset, 5m	SAFIX W3-A-5M	SP-E-76-000-26	
RFID Safety Sensor, high coded, EDM, autom. reset, Pigtail	SAFIX W3-A-P	SP-E-76-000-05	

HOLDX S1-I3-A-P SET

RFID Safety Sensor, high coded, 4-pin, Pigtail

SAFIX W3-A-P4

SP-E-76-000-62



RFID Safety Sensor, high coded, 4-pin, Pigtail 5 cm

SAFIX W3-A-P4-5cm

SP-E-76-000-63



RFID Safety Sensor, high coded, EDM, man. reset,
10m

SAFIX W3-X-10M

SP-E-76-000-28



RFID Safety Sensor, high coded, EDM, man. reset,
5m

SAFIX W3-X-5M

SP-E-76-000-30



RFID Safety Sensor, high coded, EDM, man. reset,
Pigtail

SAFIX W3-X-P

SP-E-76-000-06



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