



SSP

Safety System Products

HOLDX L1

Magnetic process lock

Your advantages

- 1200 N locking force
- Fixing force provided by 30 N permanent magnet
- Can be combined with contactless SAFIX safety sensor (PLe)
- Easy and quick installation
- No wear
- Expanded diagnosis function (contamination) including functional components for the SPS
- LED diagnosis
- Protection class IP 67
- Easy wiring with the XCONN passive distributor



To the downloads ►

we simplify safety

HOLDX L1

The HOLDX magnetic process lock can identify any loss in locking force, e.g. due to contamination, in good time thanks to the integrated diagnosis function that utilises an aperiodic magnetic flow meter. Errors can thus be rectified before they even occur.

SSP offers ready-to-use components for the SPS programming. Thanks to its slimline design, it can be easily and quickly installed on aluminium profile systems. Due to its locking force of more than 1200 N, protection class of IP67 and LED display, the process lock is thus perfect for providing process protection on access doors.

The LED has been designed so that it can be viewed from all sides and even through a closed door. Using a Y-connector and with the aid of the XCONN passive distribution system, the HOLDX can also be used in combination with the contactless SAFIX SSP safety sensor. This enables secure locking (PLe according to EN ISO 13849-1) with simultaneous process protection. Depending on the version, the connection is achieved using an M12 connector with either 5 pins (HOLDX L1) or 8 pins (HOLDX L2).

Electrical data

Supply voltage	DC – 15%/+ 10% (PELV gemäß 60204-1) 24 V
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Mechanical data

Length	257,0 mm
Electric magnet material	Aluminium, hard anodised
Anchor plate material	Steel, nickel-plated
Vibration resistance	10-55 M Hz
Width of anchor plate	34,0 mm
Length of anchor plate	130,0 mm
Height of anchor plate	9,1 mm
Height	22,2 mm

Equipment

Accessories

HOLDX L1

M12-female connector, 5 pin, 10 m	CD10	SP-R-13-309-56	
M12-female connector, 5 pin, 15 m	CD15	SP-R-13-309-52	
M12-female connector, 5 pin, 20 m	CD20	SP-R-13-309-57	
M12-female connector, 5 pin, 25 m	CD25	SP-R-13-309-49	
M12-female connector, 5 pin, 5 m	CD5	SP-R-13-309-50	
M12-female connector, 5 pin, 50 m	CD50	SP-R-13-309-65	
M12-connecting cable, 5 pin, 0,5 m	M12-M12-C5023-G	SP-X-33-000-10	
M12-connecting cable, 5 pin, 1 m	M12-M12-C513-G	SP-X-33-000-11	

Safe control technology

HOLDX L1

	MOSAIC M1	SP-R-11-000-00	
Standard safety relay 1 safety function	S2 series	SP-K-70-001-00	
Time delay safety relay 1 safety function	T2 series	SP-K-70-001-02	
Safety switches			
RFID Safety Sensor, high coded, autom. reset, M8	SAFIX I1	SP-K-70-000-01	
RFID Safety Sensor, lowcoded, autom. reset, M8	SAFIX S1	SP-K-70-000-00	
Standard-actuator for SAFIX 1	SAFIX T3	SP-K-70-000-03	
Flat actuator for SAFIX 1	SAFIX T4	SP-K-70-000-04	

HOLDX L1

RFID Safety Sensor, high coded (reteach.), autom.

SAFIX W1

SP-K-70-000-02

reset, M8



Bridging plug

XCONN A1

SP-X-71-000-03



Passive distributor

XCONN P6-M12-10m

SP-X-71-000-04



Passive distributor

XCONN P6-M12-M23

SP-X-71-000-01



Passive distributor

XCONN P6-M12-5m

SP-X-71-000-00



Y-distributor

XCONN Y1-M12

SP-X-71-000-02



Downloads

- CAD-Data
- Software Gateway