


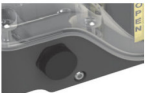
## 2 inductive proximity switches | 2 wires | ATEX

### TECHNICAL DATA

Make:	Pepperl+Fuchs
Switch type:	NJ2-V3-N-2-wires
Nominal voltage:	8,2V DC
Current consumption:	< 1 mA / < 3mA
Switching frequency:	1000 Hz.
Temperature:	-25°C bis max. +70°C
ATEX :	 II 2G Ex ia IIB T6 Gb II 2D Ex ia IIIC T80°C Db
Ex-Zone:	Zone 1, 2
SIL Level:	SIL 1-3 (IEC61508:2010)
EU-Type-examination certificate:	EPS 14 ATEX 1 641 X / IECEX EPS 14.0015X

### Description

- Very compact limit switch box made of Vestamid+polycarbonate/stainless steel 1.4305
- Protection class housing IP66/67 according to DIN EN 60529
- Cable gland M20x1,5 blue (for cable Ø 6-12mm)
- Direct mounting without mounting bridge on actuators with a hole pattern 80 x 30mm and a shaft height of 20 or 30mm,
- Option:** with mounting bridge with a hole pattern 50x25 or 130x30 and a shaft height of 20,30,40 and 50mm
- New, simple and time-saving fastening system
- Vibration resistant due to screw locking
- Seals TPE and NBR, screws stainless steel 1.4301, shaft polyamide PA6
- Shaft diameter of the drive: max. 32 mm
- Cover polycarbonate transparent with integrated, large OPEN-CLOSED display
- Other housing colors on request
- SIL Level SIL 1-3 (IEC61508:2010)



**Art.No. 49894084**  
without cable

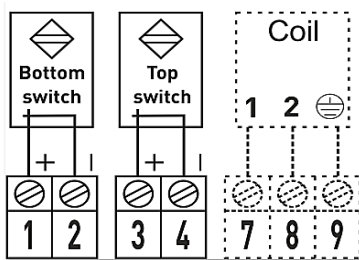


**Art.No. 49894085**  
-Solenoid valve connection for one coil,  
via pre-assembled cable 500 mm length  
Cable gland M16x1.5 mm

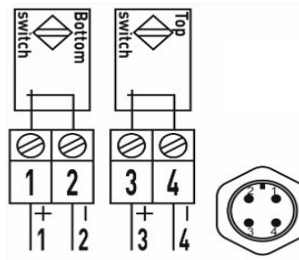


**Art.No. 49894087**  
- M12 connector, 4-pin, male for quick and easy connection  
(in place of cable gland M20x1.5)

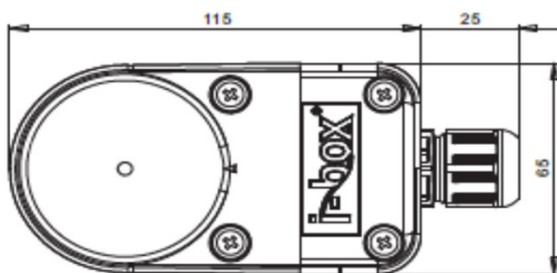
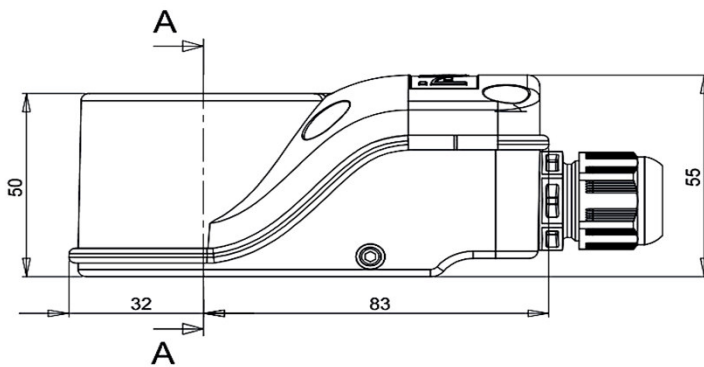
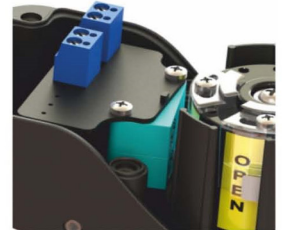
Connection diagram part no. 49894084 / 49894085



Connection diagram part no. 49894087



Switch type



SECTION A-A

