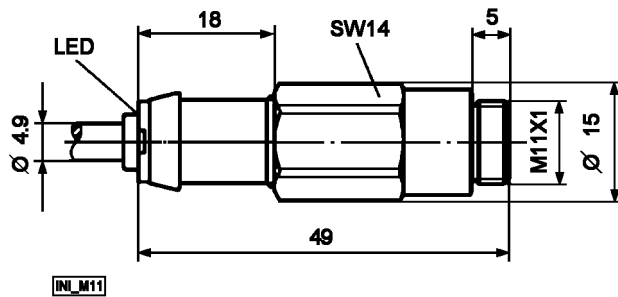
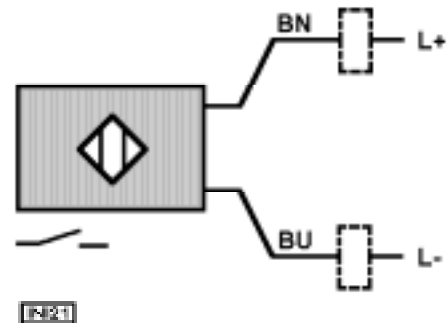


DIMENSIONS



CONNECTION DIAGRAM



**TECHNICAL DATA**

OUTPUT FUNCTION		NO
OPERATING VOLTAGE INCLUDING RESIDUAL RIPPLE	[VDC]	10...36
CURRENT CARRYING CAPACITY	[mA]	100
VOLTAGE DROP / MAX. LOAD	[V]	≤ 4,6
RESIDUAL CURRENT	[mA]	≤ 1,0
MINIMUM LOAD CURRENT	[mA]	≥ 5,0
OPERATING FREQUENCY	[Hz]	typ.800
CONTROL INDICATOR		LED
TEMPERATURE RANGE	[°C]	-25...+80
DRIFT OF OPERATING POINT	[%]	< ± 10 of s <sub>r</sub>
SWITCHING HYSTERESIS	[%]	3...15 of s <sub>r</sub>
RATED OPERATING DISTANCE (s <sub>n</sub> )	[mm]	2,0 flush
EFFECTIVE OPERATING DISTANCE (s <sub>r</sub> )	[%]	s <sub>n</sub> ± 10
ADMISSIBLE PRESSURE	[bar]	400
TYPE OF PROTECTION		IP67
TIGHTENING TORQUE	[Nm]	18
CONNECTION CABLE	[m]	3 Cable FLRY 2x0.5 mm <sup>2</sup>
MATERIAL OF HOUSING		42CrMo4 / 1.2275, Surface Fe/Zn 8 F

**Function:**

The piston detector is utilized to monitor progressive plunger metering devices type SSV. It is a pressure-resistant inductive proximity switch detecting the movements of a metering device piston. It is screwed into the piston hole of the SSV metering device instead of a piston closure plug. Any SSV metering devices can easily be retrofitted. Thus, in conjunction with a control, the piston detector allows the monitoring of a progressive centralized lubrication system