

## Sensor, Series ST6-LT

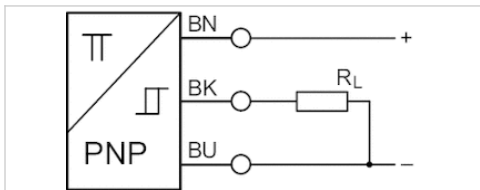
- 6 mm T-slot
- with cable
- open cable ends, 3-pin, Plug, M8x1, 3-pin, with knurled screw, Plug, M12x1, 3-pin, with knurled screw
- kältebeständig



### Certificates

Ambient temperature min./max.	-40 ... 80 °C
Protection class	IP65, IP67, IP68
Switching point precision mT	±0,1
Quiescent current (without load)	10 mA
Hysteresis	≥ 0,2 mT
Switching logic	NO (make contact)
LED status display	Yellow, Yellow
Vibration resistance	10 - 55 Hz, 1 mm
Shock resistance	30 g / 11 ms

CE declaration of conformity, cULus, RoHS



## Technical data

Part No.	Type of contact	Cable length	Voltage drop U at I <sub>max</sub>	DC switching current, max.	Max. switching frequency	Material Housing
R412024011	electronic PNP	5 m	≤ 2,5 V	0,2 A	1,0	Polyurethane
R412024669	electronic PNP	0,3 m	≤ 2,5 V	0,2 A	1,0	Polyamide
R412024670	electronic PNP	0,3 m	≤ 2,5 V	0,2 A	1,0	Polyamide

Part No.	Version	Temperature resistance	Fig.	
R412024011	short circuit resistant	kältebeständig	Fig. 1	1)
R412024669	short circuit resistant	kältebeständig	Fig. 2	2)
R412024670	short circuit resistant	kältebeständig	Fig. 3	3)

- 1) open cable ends, 3-pin
- 2) Plug M8x1, 3-pin, with knurled screw
- 3) plug M12, 3-pin, with knurled screw

## Technical information

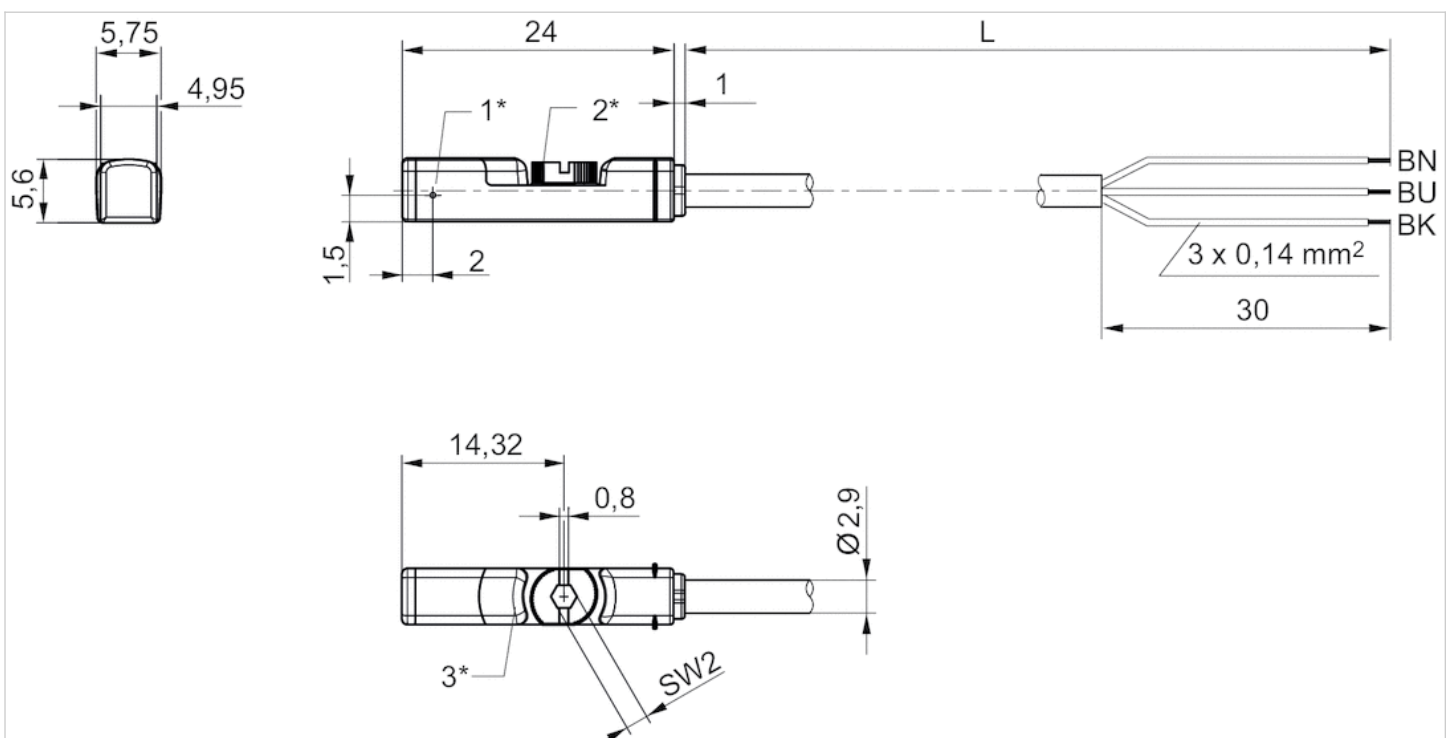
Cables must be firmly installed at temperatures of - 40 °C ... - 20 °C .

## Technical information

Material	
Housing	Polyurethane, Polyamide
Cable sheath	Polyurethane
Locking screw	Stainless steel

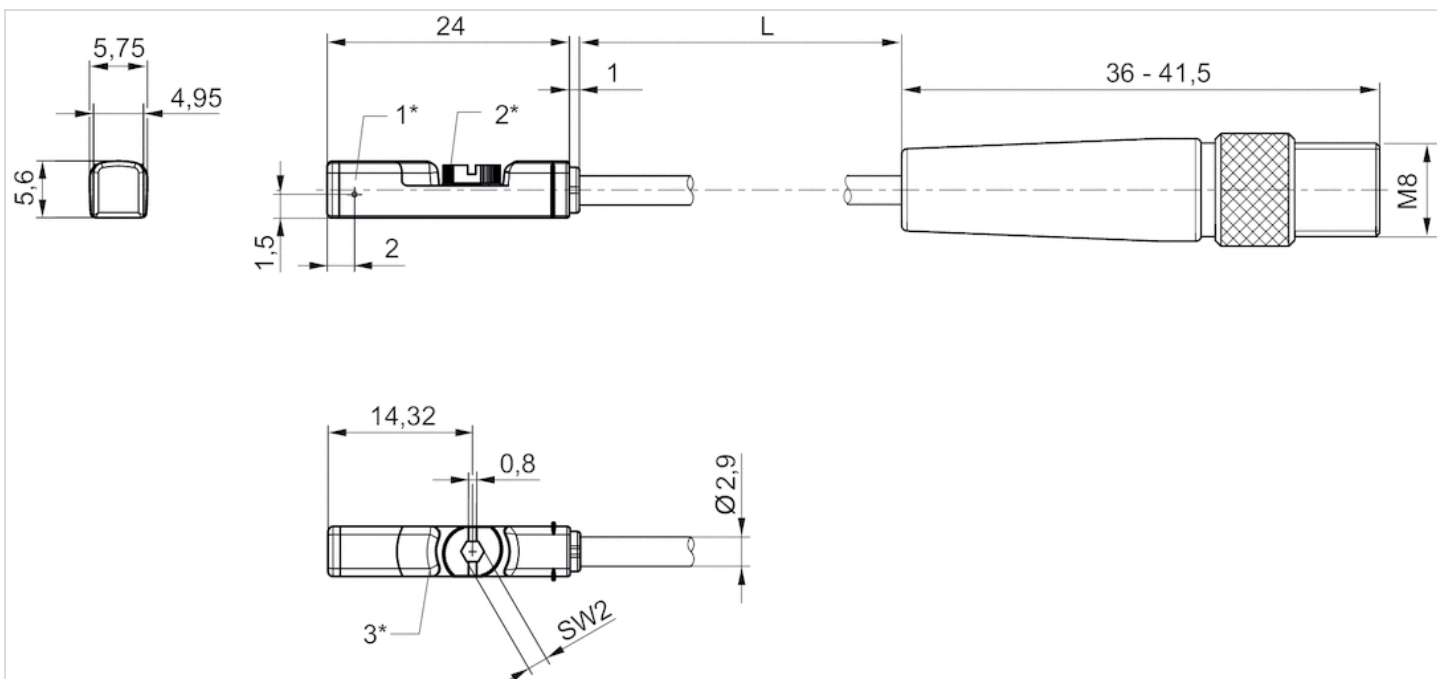
## Dimensions

Fig. 1



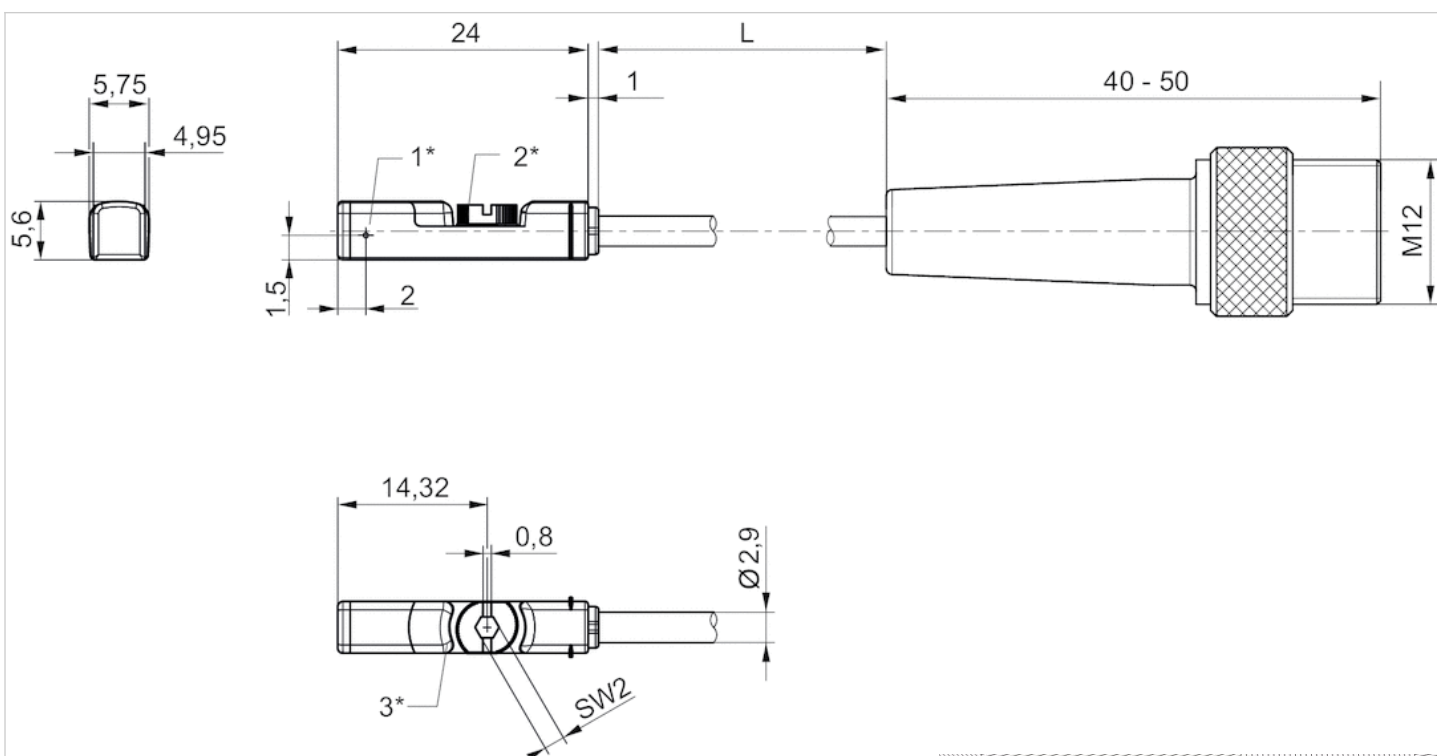
1\* = switching point 2\* = locking screw 3\* = LED window, transparent  
 L = cable length  
 BN = brown, BK = black, BU = blue

Fig. 2



1\* = switching point 2\* = locking screw 3\* = LED window, transparent L = cable length

Fig. 3



1\* = switching point 2\* = locking screw 3\* = LED window, transparent L = cable length



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