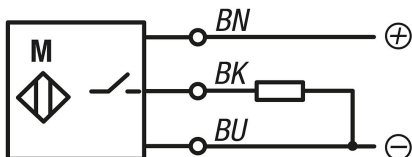
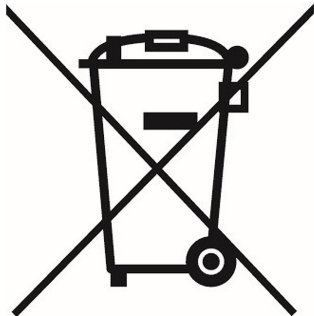
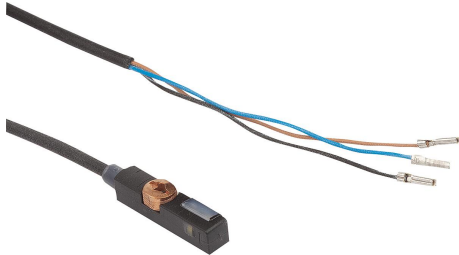
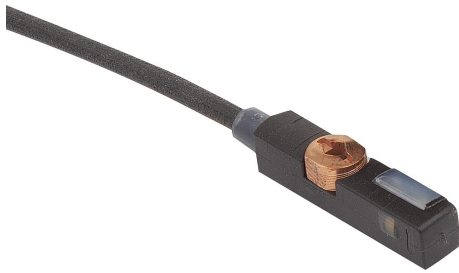


## Item description/product images



## Description

**Product description:**

Magnetic field sensor for detecting the piston position of a pneumatic cylinder in which a magnet is installed.

**Material:**

Housing thermoplastic PA12.

Active area PU.

Connection cable PUR.

**Version:**

Housing black.

Mounted in the T-slot.

**Technical data:**

Output relay: PNP normally open (NO)

Operating voltage: 10 - 30 V DC

Operating current: 200 mA

Switch field strength: 2 kA/m

Switching frequency: 3000 Hz

Short-circuit proof: yes

Reverse polarity protected: no

Rating: IP67

Connection type: 2 m PUR cable

Approvals: CE, c-UL-us, UKCA, WEEE

**Temperature range:**

-25 °C to +85 °C

**Assembly:**

Insert from above into the T-slot and lock with the clamping screw.

SW2, max. tightening torque 0.4 Nm.

**Accessory:**

Stainless steel pneumatic indexing plungers 03095-01.

Sensor holder with T-slot 83010.

**Drawing reference:**

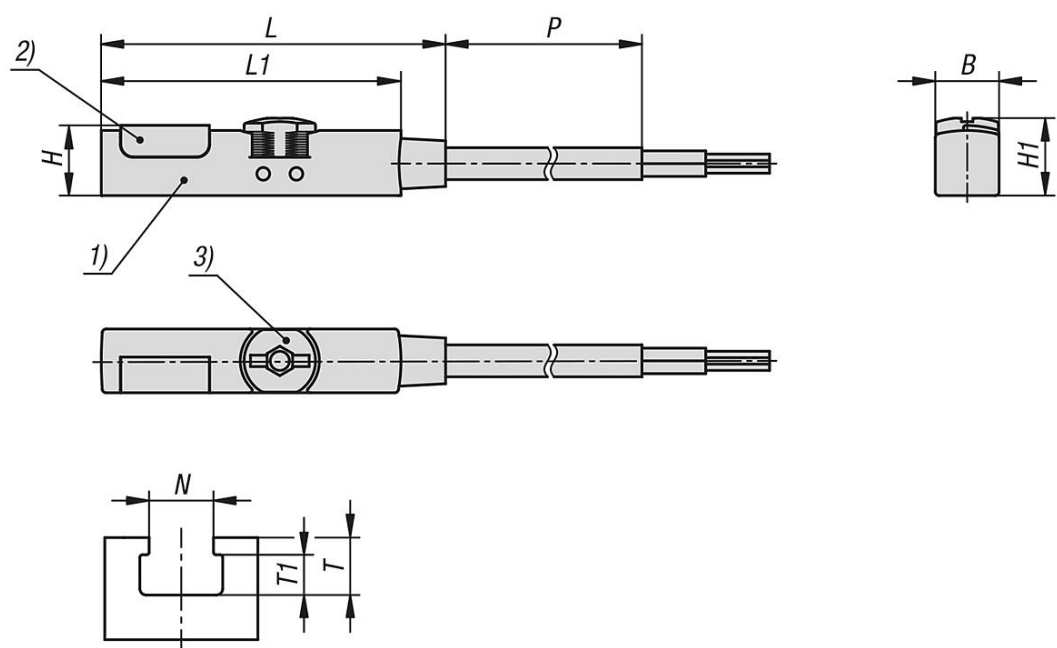
- 1) Active area
- 2) LED
- 3) Lock screw

BN= Brown

BK= Black

BU= Blue

Drawings



Overview of items

Order No.	B	D	H	H1	L	L1	P	T = slot depth	T1	N=groove width
83001-010	5	2,5	5,5	6,1	27	23,5	2000	3,5-6	<4	5-5,4