

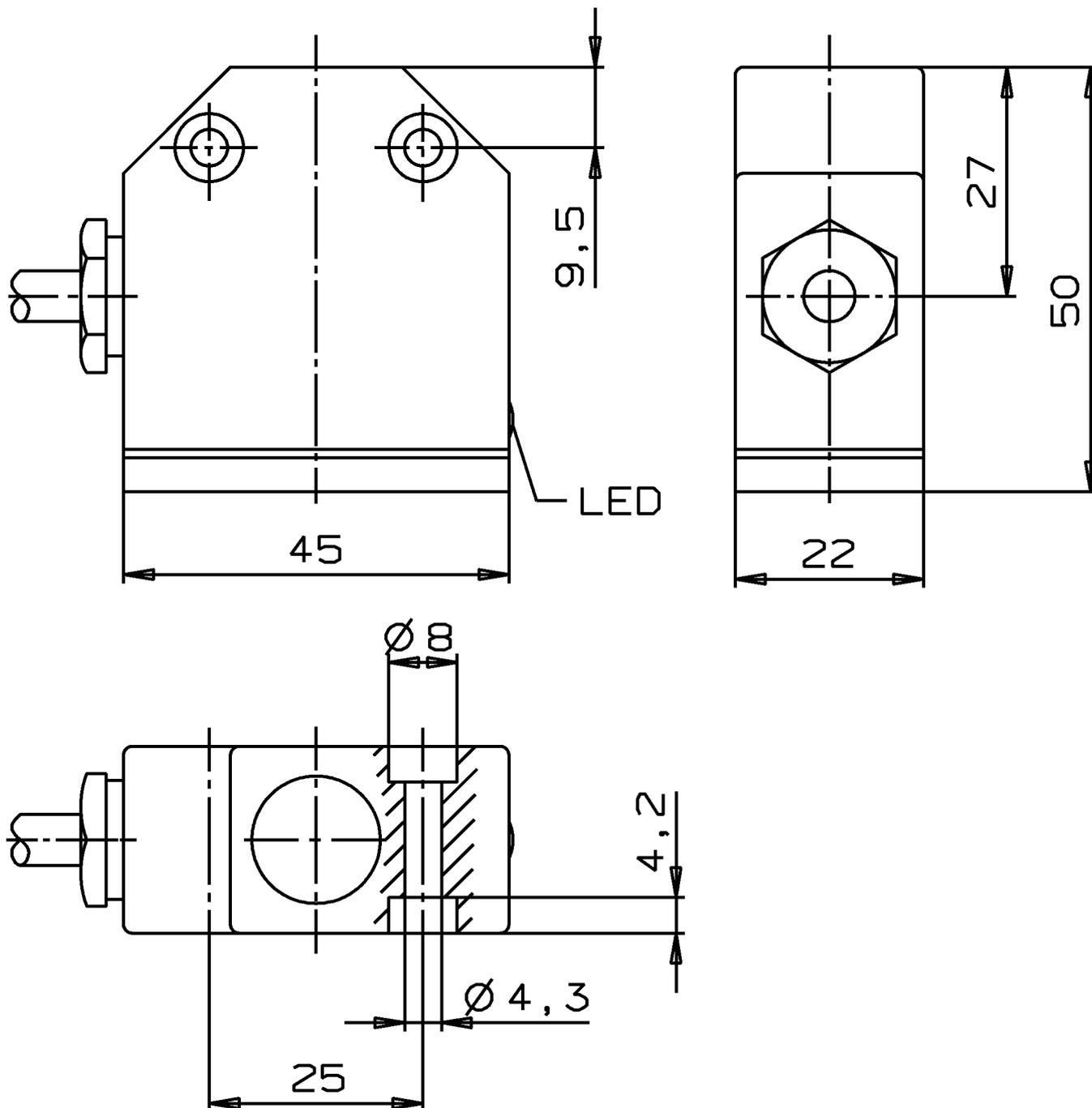
## ESN10B050UP048LK05P-M (Order no. 088771)

### Inductive single limit switches design ESN

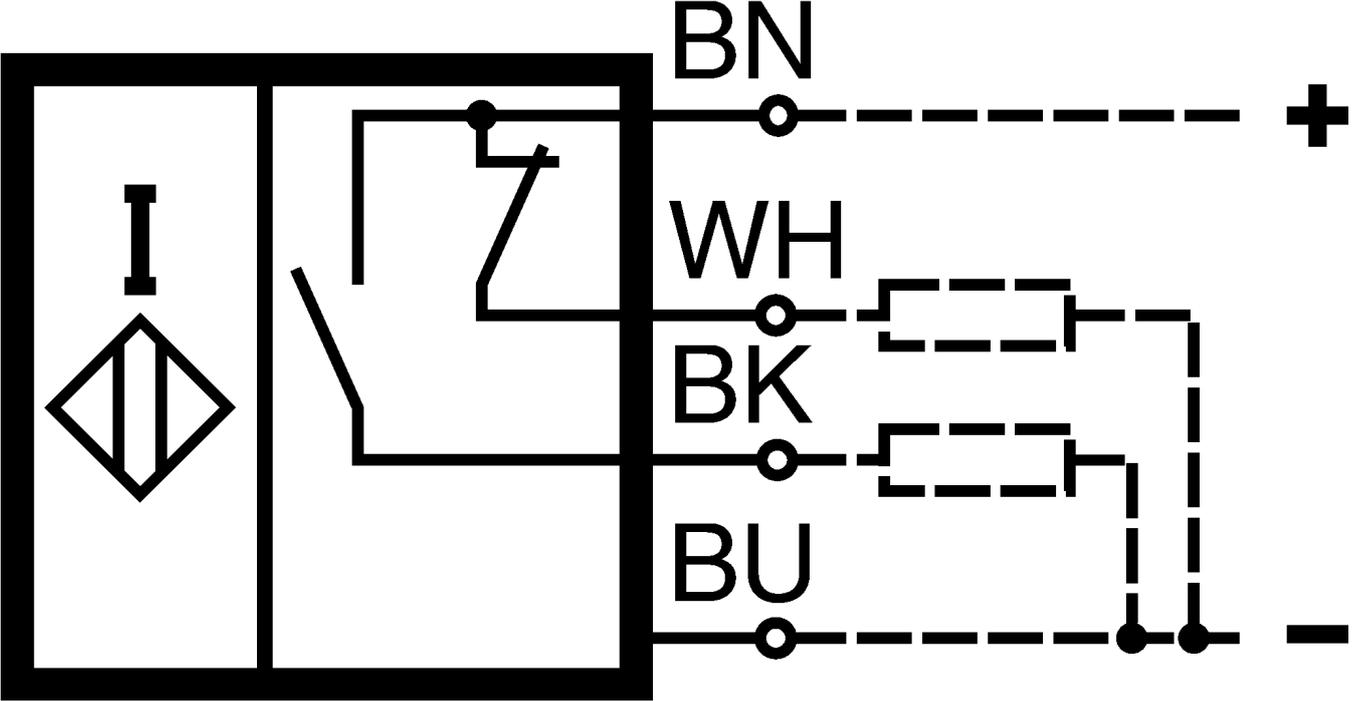
- ▶ Compact design with connecting cable
- ▶ Rated operating distance 5 mm
- ▶ LED function display



### Dimensional drawings



Connection examples



## Technical data

### Approvals



### Workspace

Rated operating distances $S_n$	5 mm
Assured operating distances $S_a$	0 ... 4 mm (Dimension applies only to steel (ST37) and to EUCHNER trip dogs of series UX../GX..)
Switching hysteresis	0.15 ... 0.75 mm
Repeat accuracy R	5 %

### Operating and display elements

LED display	LED function display (NO contact), yellow
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### Electrical connection values

Rated operating current $I_e$	250 mA
Rated insulation voltage $U_i$	60 V
Operating voltage DC	10 ... 55 V DC
Utilization category	DC-12 (For utilization category DC-13, the output must be protected with a free-wheeling diode for inductive loads.)
No-load current $I_0$	15
Off-state current $I_r$	max. 0.05 mA
Residual ripple	max. 10 %
Voltage drop $U_d$	DC max. 2.5 V
Reverse polarity protection	Yes

### Mechanical values and environment

Conductor cross-section	4 x 0.25 mm <sup>2</sup>
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