

**RGBF08X12-732L-M (Order no. 110533)**

## Series RGBF... 12 mm, inductive

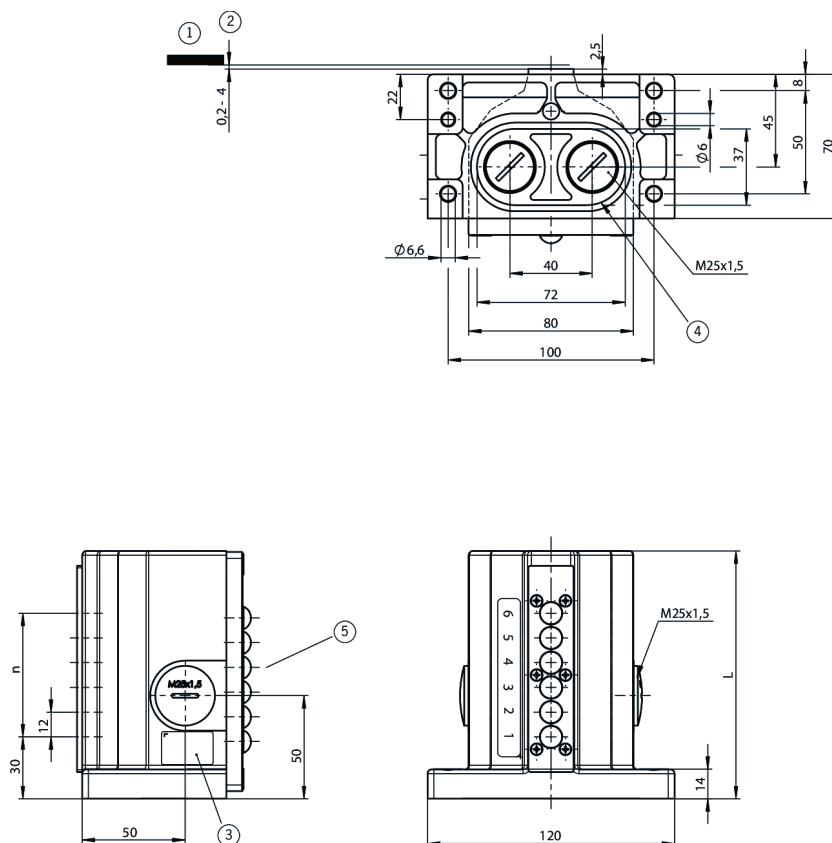
- ▶ Proximity switch spacing 12 mm
- ▶ Upright housing according to DIN 43697
- ▶ Degree of protection IP67 according to IEC 60529
- ▶ LED function display



## LED function display

DC and AC switching elements are equipped as standard with a function display on the switching element (yellow). The function display can be seen from the exterior.

## Dimensional drawings



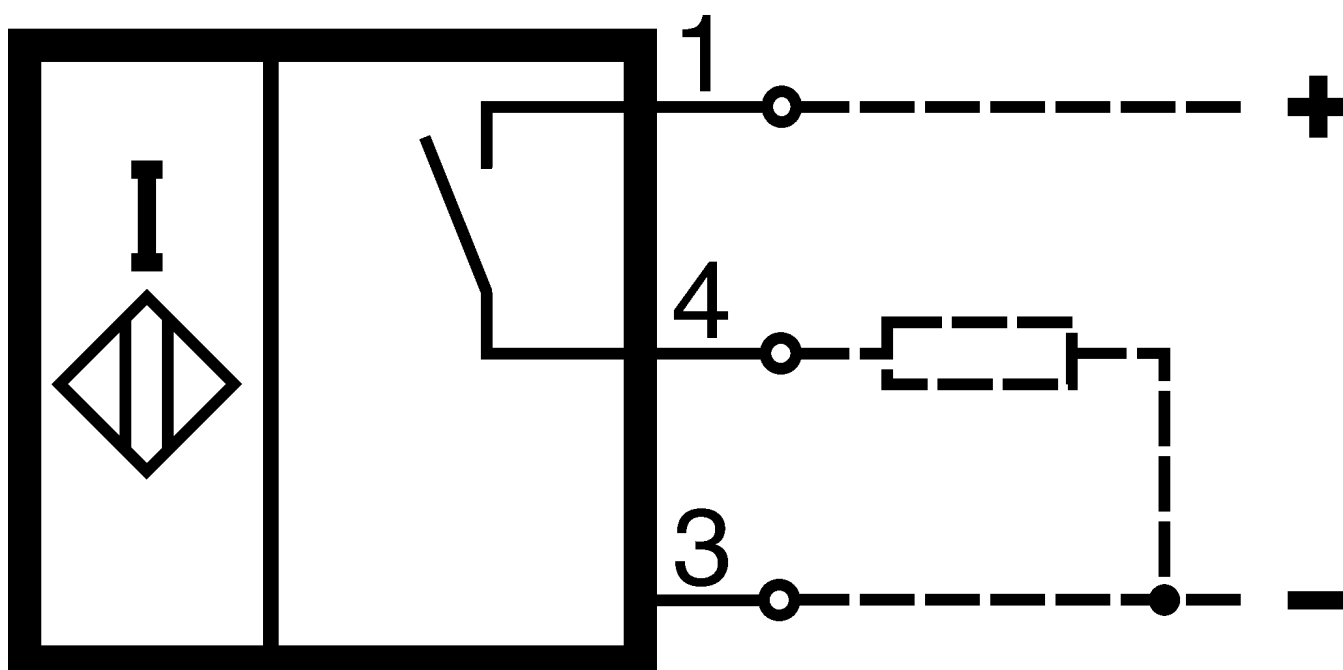
8	ES732/4C1997
7	ES732/3C1996
6	ES732/2C1997
5	ES732C1996
4	ES732/4C1997
3	ES732/3C1996
2	ES732/2C1997
1	ES732C1996
<b>Station</b>	<b>Schaltelement</b>
⑥	⑦

110533	8	RGBF08X12-732L-M	140
<b>Ident-Nr.</b>	<b>n</b> Anzahl der Stationen	<b>Typ</b>	<b>L</b>
(8)	(9)	(10)	(11)

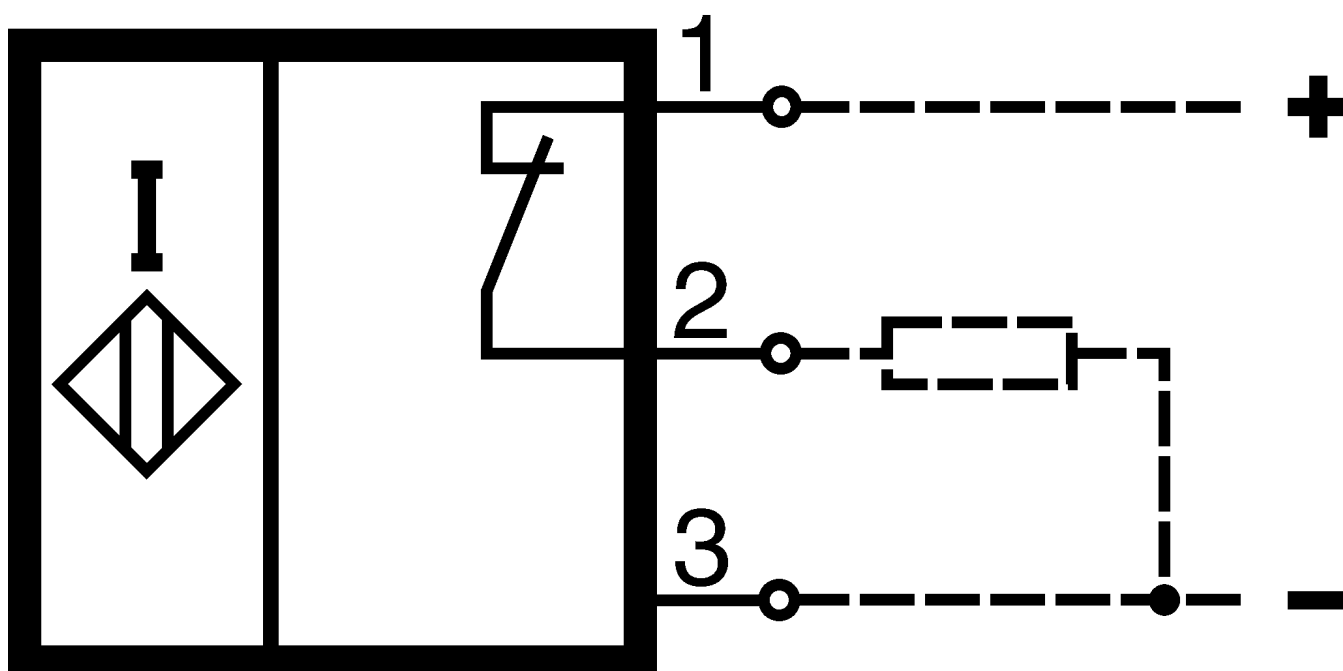
- 1 Actuator  
10 Type  
11 Length  
2 Assured operating distance

- 3 Label, sequential number
- 4 Groove with sealing ring
- 5 LED with NC function of the switching element ES732/2C1997+ES732/4C1997 illuminates if not actuated.
- 6 Station
- 7 Switching element
- 8 ident no.
- 9 Number of stations

## Connection examples



## 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	0.2 ... 1.0 mm (in the installed state)
Repeat accuracy R	5 %
<b>Switching element, stations 1 and 5, stations 3 and 7</b>	

#### Center offset

at s = 4 mm read distance	$m_{OFF} = (-) 0.5 \text{ mm}$ and $m_{ON} = 0.0$ (for side approach)
at s = 2 mm read distance	$m_{OFF} = (-) 3.3 \text{ mm}$ and $m_{ON} = (-) 3.0$ (for side approach)
at s = 3 mm read distance	$m_{OFF} = (-) 2.5 \text{ mm}$ and $m_{ON} = (-) 2.0$ (for side approach)
at s = 1 mm read distance	$m_{OFF} = (-) 4.2 \text{ mm}$ and $m_{ON} = (-) 4.0$ (for side approach)

#### **Switching element, stations 2 and 6, stations 4 and 8**

#### Center offset

at s = 3 mm read distance	$m_{ON} = (-) 2.5 \text{ mm}$ and $m_{OFF} = (-) 2.0$ (for side approach)
at s = 1 mm read distance	$m_{ON} = (-) 4.2 \text{ mm}$ and $m_{OFF} = (-) 4.0$ (for side approach)
at s = 4 mm read distance	$m_{ON} = (-) 0.5 \text{ mm}$ and $m_{OFF} = 0.0$ (for side approach)
at s = 2 mm read distance	$m_{ON} = (-) 3.3 \text{ mm}$ and $m_{OFF} = (-) 3.0$ (for side approach)