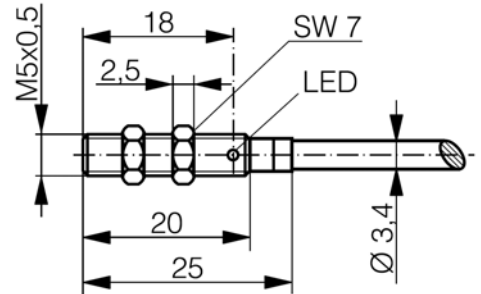


dimensions **M5 x 0.5**

flush switching distance **0.8mm**

- ✓ **robust stainless steel housing**
- ✓ **short-circuit and reverse polarity protected**
- ✓ **high switching frequency**
- ✓ **connection via silicone cable**

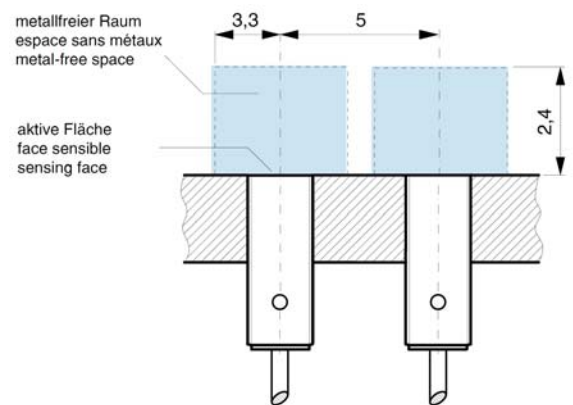
**small design**  
**temperature range up to 120°C**



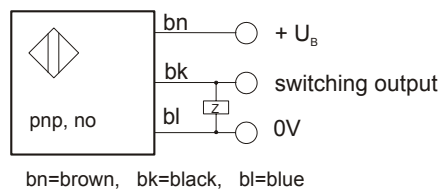
### Technical Data

nominal switching distance $S_n$	0.8mm
repeatability	typ. 0.01mm
operating voltage	10 ... 30V DC
switching output	pnp, no
output current	$\leq 200\text{mA}$
switching frequency	$\leq 5\text{kHz}$
residual ripple	$\leq 20\%$
current consumption (w/o load)	$\leq 10\text{mA}$
voltage decay (max. load)	$\leq 2.0\text{V}$
switching status display	LED yellow
ambient temperature	-25 ... +120°C
protection class (EN 60529)	IP67
material (housing)	VA
material (front cap)	PA 66
connection	2m silicone cable, $3 \times 0.14\text{mm}^2$
correction factors	steel: 1.0    stainl. steel: 0.80 brass: 0.55    copper: 0.45 aluminum: 0.50

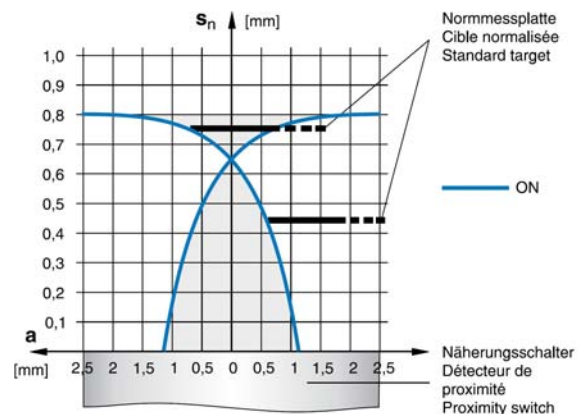
### mounting



### connection



### response curve



article-no.: **IB050155**

**Warning:** Never use these articles in applications where the safety of a person depends on their functionality.