

dimensions **M12 x 1**

**non flush** switching distance **4mm**



- ✓ **robust stainless steel housing**
- ✓ **integrated amplifier**
- ✓ **connection via Teflon-cable**

**ATEX Zone 22**  
**temperature resistant up to +150°C**



**Technical Data**

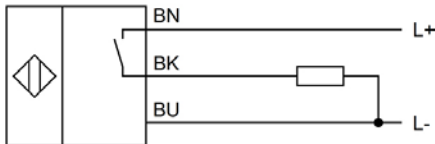
**IN12C228**

**IN12C230**

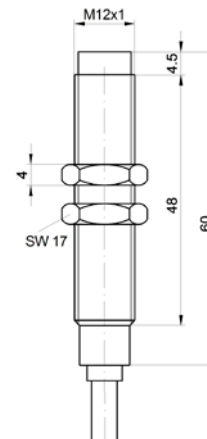
switching distance (Sn)	4mm
mounting	non flush
output signal	pnp, no
operating voltage	10 ... 35V DC
current consumption (w/o load)	ffi 15mA
output current (max. load)	120mA
voltage decay (max. load)	2.0V DC
hysteresis	15%
switching frequency	500Hz
reverse polarity protection	+
short circuit protection	+
dimensions	M12x1mm
length (thread/total)	48mm / 60mm
material (housing)	VA
material (front cap)	Vectra®
operating temperature	0 ... +150°C
protection class (EN 60529)	IP50
marking	II 3D Ex tc IIIB T155°C Dc 0°C < T <sub>amb</sub> < 150°C
connection	Teflon-cable, 3 x 0.22mm <sup>2</sup>
cable length	2m
mounting accessories	<b>AY000099</b>

**connection**

**dimensional drawing**



**Colors:** BN (brown), BU (blue), BK (black)  
**Functions:** BN = L+, BU = L-, BK = PNP NO



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