

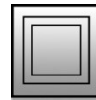
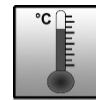
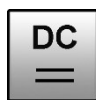
dimensions **M18 x 1**

**non-flush** switching distance **8mm**



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

**ATEX Zone 22**  
**temperature resistant up to +180°C**



Technical Data	IN18C967
switching distance (S <sub>n</sub> )	8mm
mounting	nicht bündig
output signal	pnp, no
operating voltage	10 ... 35V DC
current consumption (w/o load)	≤ 15mA
output current (max. load)	150mA
voltage decay (max. load)	2,0V DC
hysteresis	15%
switching frequency	400Hz
reverse polarity protection	+
short-circuit protection	+
dimensions	M18x1mm
length (thread/total)	60mm / 77mm
material (housing)	VA
material (front cap)	Vectra®
temperature (operating)	-25 ... +180°C
protection class (EN 60529)	IP50
marking	Ⓔ II 3D Ex tc IIIB T185°C Dc -25°C < T <sub>amb</sub> < 180°C
connection	Teflonkabel, 3 x 0,22mm <sup>2</sup>
cable length	5m
mounting accessories	<b>AY000100</b>

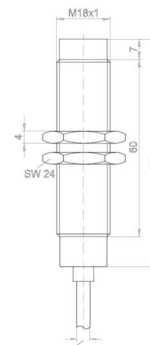
## Connection



**Colors:** BN (brown), BU (blue), BK (black)

**Functions:** BN = L+, BU = L-, BK = PNP NO

## Drawing



Teflon cable Ø3mm

## SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

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