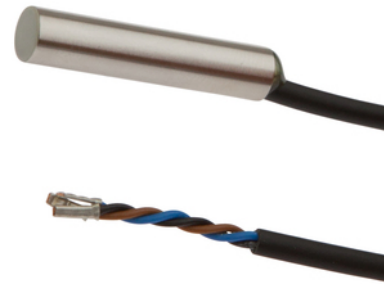


dimensions **6.5mm round**

switching distance flush **1.5mm**

- ✓ **robust metal housing**
- ✓ **integrated amplifier**
- ✓ **short-circuit and reverse polarity protected**



supply voltage 5V DC

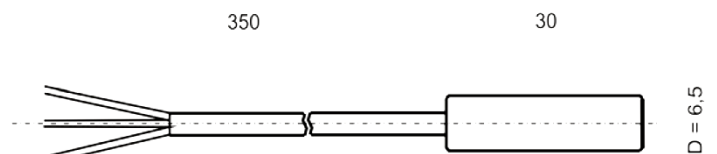
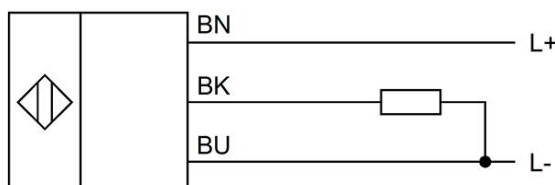
Technical Data

IB06E056

nominal switching distance	1.5mm
mounting	flush
operating voltage	5V DC
residual ripple	≤ 10%
current consumption (w/o load)	≤ 10mA
voltage decay (max. load)	≤ 1V
switching output	pnp, NO
output current	≤ 100mA
switching frequency	≤ 3kHz
hysteresis	≤ 15%
repeatability	≤ 2%
temperature drift	≤ 10%
readiness delay	≤ 50ms
short-circuit protection	+
reverse polarity protection	+
temperature (operating)	-25 ... +70°C
material (housing)	brass, nickel-plated
material (front caps)	Pocan KU 2-7503/1 + Batch RAL7032 LS
protection class (EN 60529)	IP67
EMC resistance	DIN EN 60947-5-2: 2008
connection	350mm PVC-cable, 3x0.14mm ²
connection accessories	e.g. VK003S78
mounting accessories	e.g. AY000046

connection

dimensional drawing



article-no.: **IB06E056**

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