

dimensions **M12 x 1**
flush switching distance **3mm**



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

ATEX Zone 22
temperature resistant up to +150°C



Technical Data

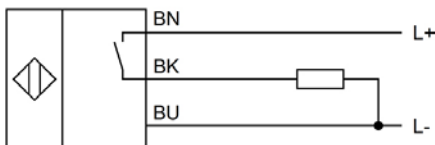
IB12C341

IB12E033

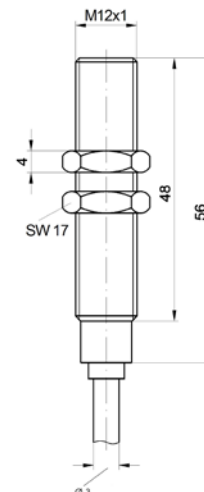
switching distance (Sn)	3mm
mounting	flush
output signal	pnp, no
operating voltage	10 ... 35V DC
current consumption (w/o load)	ffi 15mA
output current (max. load)	120mA
voltage decay (max. load)	2.0V DC
hysteresis	15%
switching frequency	500Hz
reverse polarity protection	+
short circuit protection	+
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 _{amb} < 150°C
connection	Teflon-cable, 3 x 0.22mm ²
cable length	5m
mounting accessories	AY000099

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.