

**amplifier for sensors with enlarged temp. range**

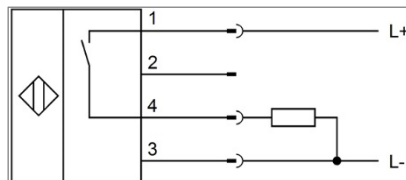
 cable length **10m**

- ✓ 10m Teflon cable
- ✓ Lemo socket, e.g. for IB306040
- ✓ M12-connector with integrated amplifier


**cable with integrated amplifier**

**Technical Data**
**IVA0012T**

operating voltage	10 ... 30V DC
current consumption (w/o load) voltage	≤ 5mA
decay (max. load)	≤ 2V
switching output	PNP, NO
output current	≤ 100mA
switching frequency	≤ 9Hz
display (signal)	LED yellow
short-circuit protection	+
reverse polarity protection	+
temperature (operating) (Lemo-socket)	0 ... +230 °C (Lemo-socket)
temperature (operating) (M12-connector)	-20 ... +70 °C
protection class (EN 60529)	IP 50
connection	Lemo-socket, 10m Teflon cable, M12-connector
connection accessories	e.g. <b>VK200025</b>
appropriate sensors	e.g. <b>IB306040</b>

**connection**
**note**

**wire colors:**

 1 = BN (brown), 2 = WH (white),  
 3 = BU (blue), 4 = BK (black)

**functions:**

1 = L+, 2 = n. c., 3 = L-, 4 = PNP NO

The output stage is integrated in the M12-connector. To guarantee proper functioning of the device, the cable between Lemo-socket and M12-connector may in no case be cut!

The max. ambient temperature of the M12-connector is 70 °C.

 article-no.: **IVA0012T**
**Warning:** Never use these devices in applications where the safety of a person depends on their functionality.