

MultiXtend Split



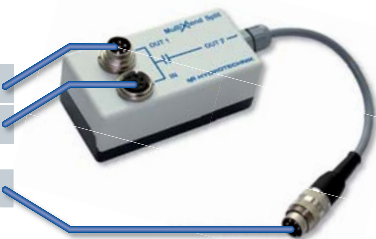
One sensor – two signals

Galvanically isolated signal splitter for the simultaneous connection of one sensor to two recipients.

This allows e.g. to evaluate the signal of a sensor connected to a PLC with 0/4 ... 20 mA with a measuring instrument, too. The second signal output is separated potential-free and reactionless both from the signal source and the PLC. The signal can also be used for two PLCs or two measuring instruments.

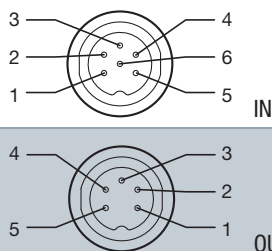
- Galvanically isolated signal splitter
- Connect one sensor to two recipients
- Signal 0/4 ... 20 mA
- Potential-free and reactionless second signal output
- Small error

OUT1 – PLC
IN – from sensor
OUT2 – instrument



Technical data	Reference conditions: power supply VS+ = 15 VDC; environmental temperature Ta = 25°C
Input signal	0/4 ... 20 mA
Supply voltage	12 ... 30 V
Power requirement via OUT2	30 mA
Loop resistance (pin 1 IN/OUT)	10 Ω
Power drop at full scale	200 mV
Load resistance OUT 2	100 ... 500 Ω
Ripple	20 mV
Non-linearity (of full scale)	± 0.3 %FS
Temperature error	± 0.02 %/°C
Response time	0.8 ms
Warm-up time	5 Min.
Operating temperature	-20 ... +85 °C
Storage temperature	-40 ... +125 °C
Relative humidity (not condensing)	0 ... 80 % r.F.
Casing	ABS plastic
Protection type	IP 40
Weight	~ 156 g
Order number	3160-00-00.84

Pin assignment



- Pin 1 = signal +
- Pin 2 = - Ub / signal - / GND
- Pin 3 = + Ub
- Pin 4 = free
- Pin 5 = shield
- Pin 6 = ISDS

Dimensions

