

Datasheet - BNS-Y-02

Connector / Other

Preferred typ



- enables the interconnection and the connection of BNS safety sensors to a common safety monitoring module
- for BNS 33, BNS 36, BNS 260 (with 2 NC)



(Minor differences between the printed image and the original product may exist!)

Ordering details

Product type description	BNS-Y-02
Article number	101194060
EAN code	4030661358086

Global Properties

Product name	Y-Adapter
Connector	2 x female connector, 4-pole 1 x male connector, 4-pole
Design	Y-adapter
Weight	20 g
Recommended combinations	BNS 33, BNS 36, BNS 260

Mechanical data

termination	M8
Bolting device	Screw locking
Mechanical life	min. 100 cycles

Ambient conditions

Ambient temperature	
- Min. environmental temperature	-25 °C

- Max. environmental temperature	+70 °C
Protection class	IP67

Dimensions

Dimensions	
- Width	23.5 mm
- Height	31 mm
- Length	10 mm

notice

The BNS-Y-02 adapter is suitable for BNS safety sensors with two NC contacts. The BNS-Y-02 enables a series-wiring of these BNS sensors, in which the two NC contacts of each safety sensor are series-wired in a dual-channel manner.

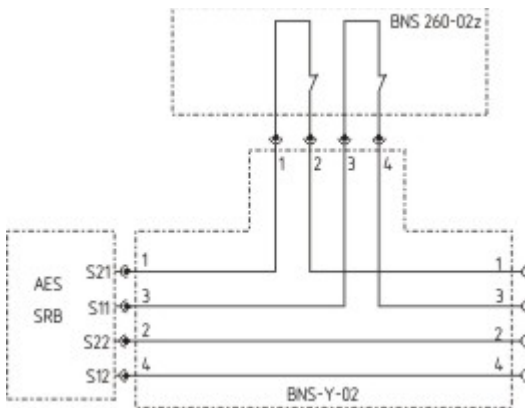
Any conventional 4-pole cable with M8 x 1 connector (A coding) can be used as connecting cable.

The sensor chain is extended by clipping-on further Y-adapters in the direction indicated by the arrow. The extension lead must be terminated by a safety sensor.






Only safety sensors with the same contact configuration can be wired in series. The BNS-Y-11 and BNS-Y-02 types must not be mixed.

The maximum length of the series-wired chain is 50 m.

Diagram



Note Diagram

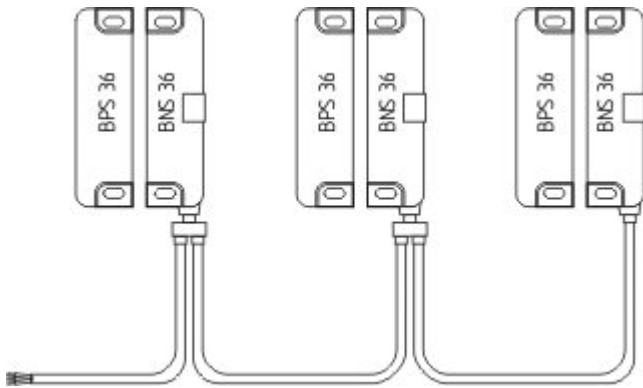
-  positive break NC contact
-  active
-  no active
-  Normally-open contact
-  Normally-closed contact

Documents

Mounting and wiring instructions (de, en, fr) 75 kB, 05.09.2008

Code: m_nsyp01

Images



Wiring example

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The data and values have been checked thoroughly. Technical modifications and errors excepted.
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