

## NAMUR сензори (за взривоопасни среди)

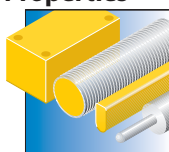


NAMUR sensors are approved for the zones 0 and 1. They are polarized 2-wire devices, changing their internal resistance in dependence on the attenuation (continuous linear/current characteristics). They can be connected to external switching amplifiers which convert current variations into binary output signals. The advantage: With an approved switching amplifier, they can be applied in Ex-areas as well as monitor wire-break and short-circuit continuously.

### Features

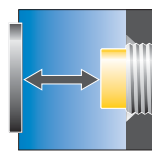
- Integrated sensor monitoring
- Automatic wetting compensation
- Excellent EMC properties
- Ex-area approved

### Properties



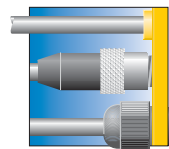
#### Design

Threaded barrel  
M18 x 1, M30 x 1.5 and  
rectangular QF5.5



#### Switching distances

5 mm and 10 mm, flush  
mountable



#### Electrical connections

2 m cable PVC and  
silicone



#### Materials

Polypropylene and  
polyamide housings




#### Special features

Fixed settings, ATEX  
and SIL approvals,  
extended temperature  
range


## QF5.5 – NAMUR – Без настройка





<b>Type</b>	BC5-QF5,5-Y1X/S250	<b>Protection class</b>	IP67
<b>Dimensions</b>	20.3 x 5.5 x 54 mm	<b>Material housing</b>	PP
<b>Switching distance</b>	5 mm, 	<b>Material active face</b>	PP
<b>Output</b>	NAMUR	<b>Material cable</b>	PVC 2 m
<b>Electrical connection</b>	cable	<b>Wiring diagram</b>	w019
<b>Operating voltage</b>	nom. 8.2 VDC	<b>Dimension drawing</b>	d359
<b>Ambient temperature</b>	-25...+70 °C		

## S18 – NAMUR – Фина настройка с потенциометър




<b>General data</b>		<b>Operating voltage</b>	nom. 8.2 VDC
<b>Dimensions</b>	Ø18 x 74 mm	<b>Protection class</b>	IP67
<b>Switching distance</b>	5 mm, 	<b>Material housing</b>	PA
<b>Output</b>	NAMUR	<b>Material active face</b>	PA
<b>Electrical connection</b>	cable		

### Types and data – selection table

Type	Ambient temperature	Material cable		
BC5-S18-Y1X/S100	-25...+100 °C	silicone 2 m	w019	d345
BC5-S18-Y1X	-25...+70 °C	PVC 2 m	w019	d345

## S30 – NAMUR – Фина настройка с потенциометър



<b>Type</b>	BC10-S30-Y1X	<b>Protection class</b>	IP67
<b>Dimensions</b>	Ø30 x 62.5 mm	<b>Material housing</b>	PA
<b>Switching distance</b>	10 mm, 	<b>Material active face</b>	PA
<b>Output</b>	NAMUR	<b>Material cable</b>	PVC 2 m
<b>Electrical connection</b>	cable	<b>Wiring diagram</b>	w019
<b>Operating voltage</b>	nom. 8.2 VDC	<b>Dimension drawing</b>	d348
<b>Ambient temperature</b>	-25...+70 °C		

 Wiring diagrams on page 832 ff

 Dimension drawings on page 842 ff

 Accessories on page 736 ff