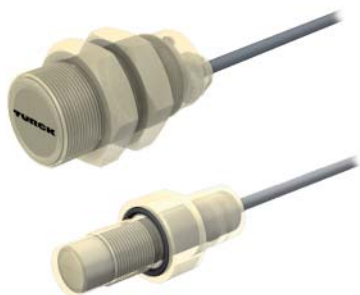


## Химически устойчиви сензори

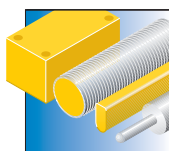


The capacitive sensors (PVDF) are the ideal solution for any application of the pharmaceutical, chemical or food industry. The broad range of functional features of TURCK sensors help to optimize all kinds of applications, for instance, in dairies, breweries, the manufacture of bakery products and frozen foods, or packaging and filling procedures. PVDF materials belong to the group of fluoride plastics. They are extremely resistant due to the high fluorine content. They also feature a high tracking resistance under constant load, good cold properties and excellent temperature resistance.

### Features

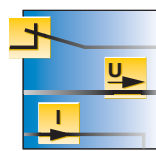
- Excellent chemical resistance
- Automatic wetting compensation
- Excellent EMC properties
- Large switching distances

### Properties



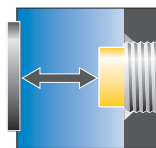
#### Design

Cylinders  $\varnothing 18$ ,  $\varnothing 30$  mm



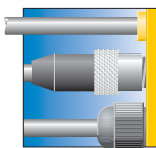
#### Electrical versions

3-wire NO contact or antivalent PNP/NPN switching, NAMUR



#### Switching distances

10 mm, flush mounting



#### Electrical connections

2 m cable PVC or PUR



#### Materials

Threaded barrel, plastic  
PVDF





#### Special features

Chemical resistant


## S185 – 3-wire DC – Фина настройка с потенциометър






<b>Type</b>	BC5-S185-AP4X	<b>Protection class</b>	IP67
<b>Dimensions</b>	Ø18 x 74.5 mm	<b>Material housing</b>	PVDF
<b>Switching distance</b>	5 mm, 	<b>Material active face</b>	PVDF
<b>Output</b>	 , PNP	<b>Material cable</b>	PVC 2 m
<b>Electrical connection</b>	cable	<b>Wiring diagram</b>	w004
<b>Operating voltage</b>	10...65 VDC	<b>Dimension drawing</b>	d354
<b>Ambient temperature</b>	-25...+70 °C		

## PT30 – 3-wire DC – Фина настройка с потенциометър



<b>General data</b>		<b>Protection class</b>	IP67
<b>Dimensions</b>	Ø30 x 80 mm	<b>Material housing</b>	PVDF
<b>Switching distance</b>	10 mm, 	<b>Material active face</b>	PVDF
<b>Electrical connection</b>	cable	<b>Material cable</b>	PVC 2 m
<b>Ambient temperature</b>	-25...+70 °C		

### Types and data – selection table

Type	Output	Operating voltage		
BC10-PT30-Y0X	NAMUR	nom. 8.2 VDC	w019	d362
BC10-PT30-VP4X2	 , PNP	10...65 VDC	w007	d362
BC10-PT30-VN4X2	 , NPN	10...65 VDC	w018	d362

