

Цилиндричен дизайн - пластмаса



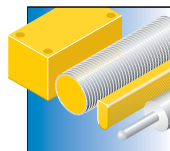
Cylindrically shaped capacitive sensors feature high switching distances and are available in a vast range of types. The standard types come in plastic housings and sizes from Ø 12 mm to Ø 40 mm, with connection cable, plug connection or terminal chamber.

Besides the usual reliability, capacitive sensors feature standard properties such as automatic wetting compensation, excellent EMC and ESD properties and more flexibility with respect to mounting.

Features

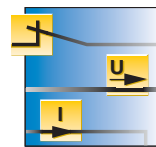
- Excellent reliability
- Automatic wetting compensation
- Excellent EMC properties
- ESD immunity
- Mounting flexibility

Properties



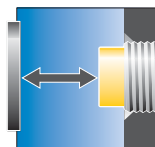
Design

Cylindrical versions
M12 x 1, M18 x 1,
M30 x 1.5, Ø 34 mm
and Ø 40 mm



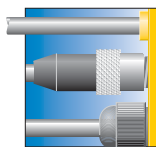
Electrical versions

3/4-wire NO/NC contact
as well as antivalent
PNP/NPN output



Switching distances

From 3 mm to 20 mm
flush mountable on all
metals and non-metals



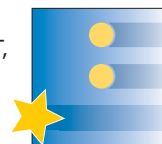
Electrical connections

2 m connection cable
or M12 x 1 plug con-
nection



Materials

Plastic housings PA, PBT,
PVDF and ABS



Special features

Fine adjustment via
potentiometer,
protection class IP67

S12 – 3-wire DC – Фина настройка с потенциометър



General data

Dimensions	Ø12 x 63 mm
Switching distance	3 mm,
Electrical connection	cable
Operating voltage	10...30 VDC
Ambient temperature	-25...+70 °C

Protection class	IP67
Material housing	PA
Material active face	PA
Material cable	PVC 2 m

Types and data – selection table

Type	Output	w	d
BC3-S12-RP6X	, PNP	w006	d343
BC3-S12-AP6X	, PNP	w004	d343
BC3-S12-AN6X	, NPN	w005	d343

S18 – 3-wire DC – Без настройка



General data

Dimensions	Ø18 x 83 mm
Switching distance	5 mm,
Electrical connection	connector, M12 x 1
Operating voltage	10...65 VDC

Ambient temperature	-25...+70 °C
Protection class	IP67
Material housing	PA
Material active face	PA

Types and data – selection table

Type	Output	w	d
BC5-S18-RP4X-H1141/S250	, PNP	w015	d344
BC5-S18-AP4X-H1141/S250	, PNP	w001	d344
BC5-S18-AN4X-H1141/S250	, NPN	w002	d344

S18 – 3-wire DC – Фина настройка с потенциометър



General data

Switching distance	5 mm,
Operating voltage	10...65 VDC
Ambient temperature	-25...+70 °C

Protection class	IP67
Material housing	PA
Material active face	PA

Types and data – selection table

Type	Dimensions	Output	Electrical connection	Material cable	w	d
BC5-S18-RP4X-0,15-RS4	Ø18 x 70 mm	, PNP	cable with connector, M12 x 1	PVC 0.15 m	w015	d346
BC5-S18-RP4X	Ø18 x 74 mm	, PNP	cable	PVC 2 m	w006	d345
BC5-S18-AP4X	Ø18 x 74 mm	, PNP	cable	PVC 2 m	w004	d345
BC5-S18-AN4X	Ø18 x 74 mm	, NPN	cable	PVC 2 m	w005	d345

S30 – 4-wire DC – Фина настройка с потенциометър



General data

Switching distance	10 mm,
Operating voltage	10...65 VDC
Ambient temperature	-25...+70 °C

Protection class	IP67
Material housing	PA
Material active face	PA

Types and data – selection table

Type	Dimensions	Output	Electrical connection	Material cable	w	d
BC10-S30-VP4X-H1141	Ø30 x 71 mm	, PNP	connector, M12 x 1	-	w008	d347
BC10-S30-VP4X	Ø30 x 62.5 mm	, PNP	cable	PVC 2 m	w007	d348
BC10-S30-VN4X-H1141	Ø30 x 71 mm	, NPN	connector, M12 x 1	-	w010	d347
BC10-S30-VN4X	Ø30 x 62.5 mm	, NPN	cable	PVC 2 m	w018	d348

K34 – 3-wire DC – Фина настройка с потенциометър



General data			
Dimensions	Ø34 x 74.5 mm	Ambient temperature	-25...+70 °C
Switching distance	15 mm,	Protection class	IP67
Electrical connection	connector, M12 x 1	Material housing	PBT
Operating voltage	10...65 VDC	Material active face	PBT

Types and data – selection table

Type	Output	w	d
BC15-K34-AP4X-H1141	, PNP	w001	d349
BC15-K34-AN4X-H1141	, NPN	w002	d349

K34 – 4-wire DC – Фина настройка с потенциометър



General data			
Dimensions	Ø34 x 80 mm	Protection class	IP67
Switching distance	15 mm,	Material housing	PBT
Electrical connection	cable	Material active face	PBT
Operating voltage	10...65 VDC	Material cable	PVC 2 m
Ambient temperature	-25...+70 °C		

Types and data – selection table

Type	Output	w	d
BC15-K34-VP4X	, PNP	w007	d350
BC15-K34-VN4X	, NPN	w018	d350

KT34 – 4-wire DC – Фина настройка с потенциометър



General data

Dimensions	Ø34 x 80 mm
Switching distance	20 mm,
Electrical connection	cable
Operating voltage	10...65 VDC
Ambient temperature	-25...+70 °C

Protection class	IP67
Material housing	PVDF
Material active face	PVDF
Material cable	2 m

Types and data – selection table

Type	Output	w	d
NC20-KT34-VP4X2	, PNP	w007	d351
NC20-KT34-VN4X2	, NPN	w018	d351

K40SR – 4-wire DC – Фина настройка с потенциометър



General data

Dimensions	Ø40 x 90 mm
Switching distance	20 mm,
Operating voltage	10...65 VDC
Ambient temperature	-25...+70 °C

Protection class	IP67
Material housing	ABS
Material active face	ABS

Types and data – selection table

Type	Output	Electrical connection	w	d
BC20-K40SR-VP4X2	, PNP	terminal chamber	w014	d352
BC20-K40SR-VN4X2-H1141	, NPN	connector, M12 x 1	w010	d353
BC20-K40SR-VN4X2	, NPN	terminal chamber	w013	d352

