

Цилиндричен дизайн - метал

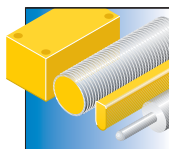


Cylindrically shaped capacitive sensors feature high switching distances and are available in a vast range of types. M12, M18 and M30 chrome-plated threaded barrels are available with connection cable or plug connection. Besides the usual reliability, capacitive sensors feature standard properties such as automatic wetting compensation, excellent EMC and ESD properties and more flexibility with respect to mounting.

Features

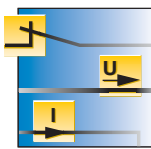
- Excellent reliability
- Automatic wetting compensation
- Excellent EMC properties
- ESD immunity
- Mounting flexibility

Properties



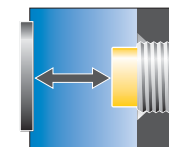
Design

Threaded barrel
M12 x 1 and M30 x 1.5



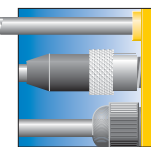
Electrical versions

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



Switching distances

From 3 mm flush to
10 mm non-flush on all
metals and non-metals



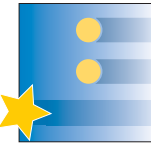
Electrical connections

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



Materials

Nickel-plated brass or
stainless steel threaded
barrel versions offer
many application pos-
sibilities



Special features

Fine adjustment via
potentiometer

M12 – 3-wire DC – Фина настройка с потенциометър



General data

Dimensions	Ø12 x 60 mm
Switching distance	3 mm,
Electrical connection	cable
Operating voltage	10...30 VDC
Ambient temperature	-25...+70 °C

Protection class	IP67
Material housing	CuZn-Cr
Material active face	ABS
Material cable	PVC 2 m

Types and data – selection table

Type	Output	w	d
BC3-M12-RP6X	, PNP	w006	d338
BC3-M12-AP6X	, PNP	w004	d338
BC3-M12-AN6X	, NPN	w005	d338

M18 – 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	CuZn-Cr
Material active face	PBT

Types and data – selection table

Type	Output	w	d
BC5-M18-RP4X-H1141/S250	, PNP	w015	d339
BC5-M18-AP4X-H1141/S250	, PNP	w001	d339
BC5-M18-AN4X-H1141/S250	, NPN	w002	d339

M18 – 3-wire DC – Фина настройка с потенциометър



General data

Dimensions	Ø18 x 74 mm
Switching distance	5 mm,
Electrical connection	cable
Operating voltage	10...65 VDC
Ambient temperature	-25...+70 °C

Protection class	IP67
Material housing	CuZn-Cr
Material active face	PBT
Material cable	PVC 2 m

Types and data – selection table

Type	Output	w	d
BC5-M18-RP4X	, PNP	w006	d340
BC5-M18-AP4X	, PNP	w004	d340
BC5-M18-AN4X	, NPN	w005	d340

M30 – 3-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	CuZn-Cr
Material active face	PA

Types and data – selection table

Type	Dimensions	Output	Electrical connection	Material cable	w	d
BC10-M30K-VP4X-H1141	Ø30 x 60 mm	, PNP	connector, M12 x 1	-	w008	d341
BC10-M30K-VP4X	Ø30 x 62.5 mm	, PNP	cable	PVC 2 m	w007	d342
BC10-M30K-VN4X-H1141	Ø30 x 60 mm	, NPN	connector, M12 x 1	-	w010	d341
BC10-M30K-VN4X	Ø30 x 62.5 mm	, NPN	cable	PVC 2 m	w018	d342

w Wiring diagrams on page 832 ff

d Dimension drawings on page 842 ff

a Accessories on page 736 ff