Capacitive Sensors for Object Detection

Standard sensors, cylinder designs, DC 3-wire, Mx12, M18x1







M12×1	**M18×1**	**M18×1**	**M18×1**	**M18×1**
Flush	Flush	Flush	Flush	Flush
1…4 mm	**2…8 mm**	**2…8 mm**	**2…8 mm**	**2…8 mm**
BCS00PU ①	**BCS00MF** ②	**BCS00LK** ①	**BCS00M8** ②	**BCS00NZ** ①
BCS M12BBI1-PSC40D-EP02	BCS M18B4I3-PSC80D-S04K	BCS M18B4N1-PSC80D-EP02	BCS M18BBI3-PSC80D-S04K	BCS M18B4N1-PSC80D-EP02
BCS00PW ⑤	**BCS00M4** ⑥	**BCS00LR** ⑤	**BCS00MH** ⑥	**BCS00M1** ⑤
BCS M12BBI1-POC40D-EP02	BCS M18B4I3-POC80D-S04K	BCS M18B4N1-POC80D-EP02	BCS M18BBI3-POC80D-S04K	BCS M18BBN1-POC80D-EP02
BCS00PY ③	**BCS00M5** ④	**BCS00LN** ③	**BCS00MJ** ④	**BCS00M2** ③
BCS M12BBI1-NSC40D-EP02	BCS M18B4I3-NSC80D-S04K	BCS M18B4N1-NSC80D-EP02	BCS M18BBI3-NSC80D-S04K	BCS M18BBN1-NSC80D-EP02
BCS00PZ ⑧	**BCS00M6** ⑨	**BCS00LP** ⑧	**BCS00MK** ⑨	**BCS00M3** ⑧
BCS M12BBI1-NOC40D-EP02	BCS M18B4I3-NOC80D-S04K	BCS M18B4N1-NOC80D-EP02	BCS M18BBI3-NOC80D-S04K	BCS M18BBN1-NOC80D-EP02
10... 30 V DC	10... 30 V DC	10... 30 V DC	10... 30 V DC	10... 30 V DC
≤ 1.5 V	≤ 1.5 V	≤ 1.5 V	≤ 1.5 V	≤ 1.5 V
75 V DC	75 V DC	75 V DC	75 V DC	75 V DC
100 mA	100 mA	100 mA	100 mA	100 mA
≤ 15 mA	≤ 15 mA	≤ 15 mA	≤ 15 mA	≤ 15 mA
Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
–25…+85 °C	–25…+85 °C	–25…+85 °C	–25…+85 °C	–25…+85 °C
100 Hz	100 Hz	100 Hz	100 Hz	100 Hz
Green LED/Yellow LED	Green LED/Yellow LED	Green LED/Yellow LED	Green LED/Yellow LED	Green LED/Yellow LED
IP 67	IP 67	IP 67	IP 67	IP 67
PBT	Stainless steel	Stainless steel	PBT	PBT
PBT	PBT	PBT	PBT	PBT
PA 12	PA 12, PBT	PA 12	PA 12, PBT	PA 12
2 m PUR cable, 3×26 AWG	M12 connector, 4-pin	2 m PUR cable, 3×22 AWG	M12 connector, 4-pin	2 m PUR cable, 3×22 AWG
	BCC M415-0000-1A-003-VX44T2-050-C013		BCC M415-0000-1A-003-VX44T2-050-C013	

