

BALLUFF

sensors worldwide

- BCS00K9
- BCS00LK
- BCS00LL
- BCS00LM
- BCS00LN
- BCS00LP
- BCS00LR
- BCS00LT
- BCS00LU
- BCS00LW
- BCS00LY
- BCS00LZ
- BCS00M0
- BCS00M1
- BCS00M2
- BCS00M3
- BCS00M4
- BCS00M5
- BCS00M6
- BCS00M7
- BCS00M8
- BCS00M9
- BCS00MA
- BCS00MC
- BCS00ME
- BCS00MF
- BCS00MH
- BCS00MJ
- BCS00MK
- BCS00ML
- BCS00MM
- BCS00MN
- BCS00MR
- BCS00MT
- BCS00MU
- BCS00MW
- BCS00MY
- BCS00MZ
- BCS00N0
- BCS00N1
- BCS00N2
- BCS00N3
- BCS00N4
- BCS00N5
- BCS00N6
- BCS00N7
- BCS00N8
- BCS00N9
- BCS00NA
- BCS00NC
- BCS00NE
- BCS00NF
- BCS00NH
- BCS00NJ
- BCS00NK
- BCS00NL
- BCS00NM
- BCS00NN
- BCS00NP
- BCS00NR
- BCS00NT
- BCS00NU
- BCS00NW
- BCS00NY
- BCS00NZ
- BCS00P0
- BCS00P1
- BCS00P2
- BCS00P3
- BCS00P4
- BCS00P5
- BCS00P6
- BCS00P7
- BCS00P8
- BCS00P9
- BCS00PA
- BCS00PC
- BCS00PE
- BCS00PF
- BCS00PH
- BCS00PJ
- BCS00PK
- BCS00PL
- BCS00PM
- BCS00PN
- BCS00PP
- BCS00PR
- BCS00PT
- BCS00PU
- BCS00PV
- BCS00PW
- BCS00RX
- BCS00R0

GlobalProx

The GlobalProx range increases in popularity



- 12x PNP Normally-open
- 12x PNP Normally-closed
- 12x NPN Normally-open
- 12x NPN Normally-closed

- 12x Flush
- 12x Non-flush

- 12x Metal
- 12x Plastic

- 12x Cable
- 12x Connector

- 8x M12
- 8x M18
- 8x M30



96 Variants

GlobalProx

Capacitive Sensors

The GlobalProx range increases in popularity

more added value

The new capacitive BCS range is a worldwide standard with an outstanding price/performance ratio that enjoys global availability and can be used anywhere in the world.

- M12, M18 and M30 designs
- Flush models for object detection
- Non-flush models for level detection
- Cable and M12 plug variants
- Stainless steel and plastic variants available



Capacitive object detection made easy with the new GlobalProx series



Capacitive level detection made easy with the new GlobalProx series

Operating voltage U_o	10...30 V DC
Voltage drop U_a at I_o	≤ 1.5 V
Rated insulation voltage U_i (protection class)	75 V DC
Output current max.	100 mA
No-load supply current I_o max.	≤ 15 mA
Reverse polarity/short-circuit protected	Yes/Yes
Temperature drift of s_n ($-5^\circ \dots +55^\circ\text{C}$)	20 %
Ambient temperature range T_a	$-25 \dots +85^\circ\text{C}$
Switching frequency f	100 Hz
Power indicator	Green LED
Output function indicator	Yellow LED
Degree of protection as per IEC 60529	IP 67

