

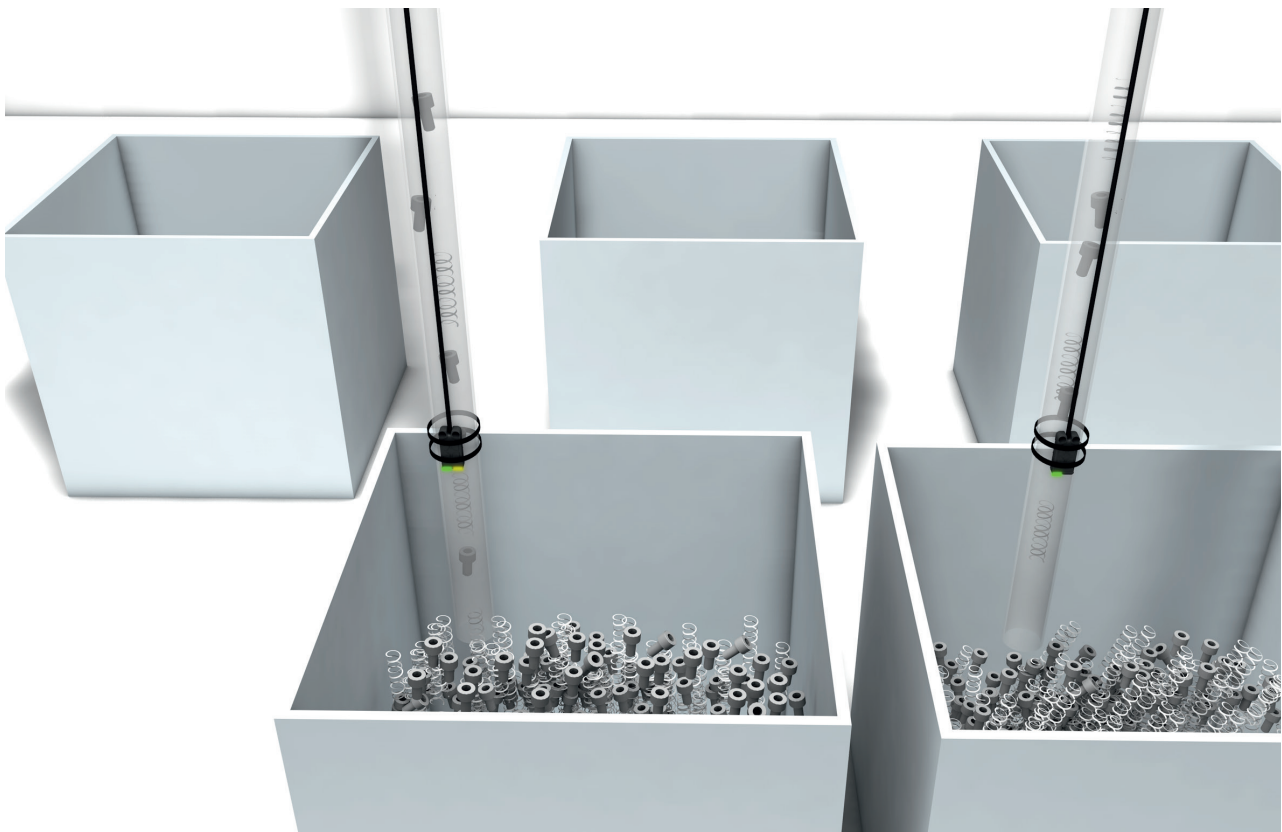
Block-styles, 16 × 34 × 8 mm Micro-Box

CAPACITIVE SENSORS FOR OBJECT DETECTION

Detect objects at a distance of up to 8 mm
Replaces tubular M18 sensors in spite of its compact size
Detect non-conductive media in plastic or glass containers (wall thickness up to 4 mm)
As leak detector: sense even the smallest amounts of liquid

Features

- Teachable using the wire connection
- Available as IO-Link versions
- Easy to install on tubes with cable ties



CAPACITIVE SENSORS
FOR OBJECT DETECTION



PNP/NPN, NO/NC, IO-Link			BCS012N
PNP, Normally open (NO)	BCS012T	BCS012A	
PNP, Normally closed (NC)	BCS012U	BCS012C	
NPN, Normally open (NO)	BCS012W	BCS012E	
NPN, Normally closed (NC)	BCS012Y	BCS012F	
Dimensions	16 × 8 × 34 mm	16 × 8 × 34 mm	16 × 8 × 34 mm
Mech. installation condition	Flush (shielded)	Flush (shielded)	Flush (shielded)
Working range S_a max.	8 mm	8 mm	8 mm
Interface			IO-Link
Supply voltage	12...30 V	12...30 V	18...30 V
Ambient temperature	-25 ...+70 °C	-25 ...+70 °C	-25 ...+70 °C
Eff. operating current I_e	50	50	50
Housing material	PP	PP	PP
Sensing face material	PP	PP	PP
Connection	Cable with connector, PUR, 0.30 m	Cable, PUR, 2 m	Cable with connector, PUR, 0.30 m M12x1-S04

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