# Universal Mounting

Accessories

Balluff provides a range of mounting solutions to decrease the need to adjust sensors for correct sensing range to reduce downtime and setup costs when sensors are replaced.

Initial Sensor Installation
Sensor is assembled into the Prox Mount tube and locked into place with a plastic compression ring and metal nut. The Prox Mount and sensor assembly is then mounted and adjusted as with any tubular sensor, but the Prox Mount will remain in place on future sensor replacement tasks.

Quick Sensor Replacement
Simply loosen the metal nut, allowing the sensor to be quickly removed. Install the new sensor into the Prox Mount mounting tube and lock into place with the compression ring and nut. A positive stop designed into the Prox Mount tube ensures effortless repeatable sensor positioning.

Advantages
- Reduced downtime
- Reduced setup costs
- Secure and accurate sensor fastening
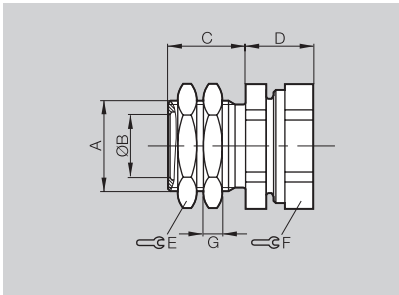
Prox Mounts with positive stop for sensors with thread length 30 mm

	A	Ø B	C	D max.	E	F	G
BES 05.0-KH-2S*	M5x0.5	5	13	11	13	13	4
BES 08.0-KH-2S*	M12×1‡	8	17.5	14.5	17	17	4
BES 12.0-KH-2S*	M16×1	12	19.5	14.5	22	22	4
BES 12.0-KH-2S*-M18	M18×1‡	12	19.5	14.5	22	22	4
BES 18.0-KH-2S*	M24×1.5	18	20.5	15.5	30	30	5
BES 30.0-KH-2S*	M36×1.5	30	20.5	15.5	41	41	6

Material: CuZn, nickel plated

* Also available for welding environments (PTFE coated). Add /W to ordering code.
  Ordering example: BES 12.0-KH-2S**/W** or BES 12.0-KH-2S**/W**-M18

‡ Allows smaller diameter sensor to replace larger when installed in this prox mount.
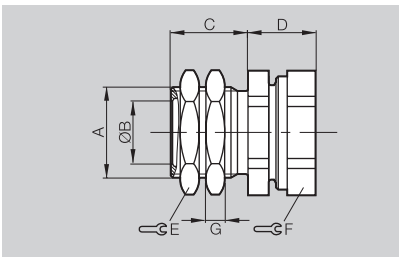
Prox Mounts with positive stop for sensors with thread length 30 mm

	A	ØB	C	D max.	E	F	G
BES 08.0-KH-11S/W	M12x1‡	8	17.5	15.5	17	17	4
BES 12.0-KH-11S/W	M16x1	12	21	15.5	22	22	4
BES 12.0-KH-11S/W-M18	M18x1‡	12	21	15.5	22	22	4
BES 18.0-KH-11S/W	M24x1.5	18	21.5	15.5	30	30	5

Material: Steel, black PTFE coated

‡ Allows smaller diameter sensor to replace larger when installed in this prox mount.
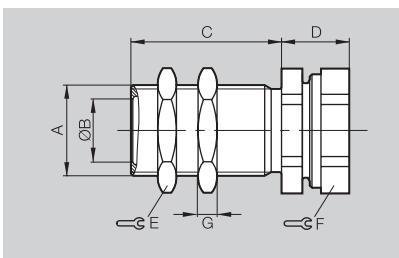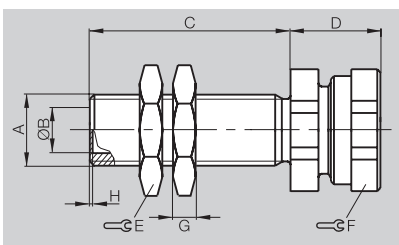
Prox Mounts with positive stop for sensors with thread length 40 mm or longer

	A	Ø B	C	D max.	E	F	G
BES 08.0-KH-2L*	M12×1	8	34	14.5	17	17	4
BES 12.0-KH-2L*	M16×1	12	30	14.5	22	22	4
BES 18.0-KH-2L*	M24×1.5	18	40	18	30	30	5
BES 30.0-KH-2L*	M36×1.5	30	40	18	41	41	6

Material: CuZn, nickel plated

* Also available for welding environments (PTFE coated). Add /W to end of ordering code.
  Ordering example: BES 12.0-KH-2L**/W**

Prox Mounts with enclosed end for sensors in sealed installation

	A	Ø B	C	D max.	E	F	G	H
BES 08.0-KH-3L	M12×1	8	34	14.5	17	17	4	0.5
BES 12.0-KH-3L	M16×1	12	30	14.5	22	22	4	1
BES 18.0-KH-3L	M24×1.5	18	40	19.5	30	30	5	1

Material: PBT fiberglass reinforced