# **Universal Mounting**

### Accessories

## **Prox Mounts** for Tubular Sensors



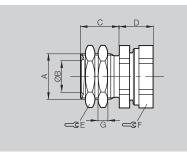
Balluff provides a range of mounting solutions to decrease the need to adjust sensors for correct sensing range to reduce downtime and setup costs when sensors are replaced.

#### **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.

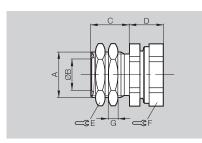


# Prox Mounts with positive stop for sensors with thread length 30 mm

A	<u> </u>		D max.			<u>G</u>
M5x0.5	5	13	11	_13_	13	_4
M12×1 <sup>‡</sup>	8	17.5	14.5	_17_	17	_ 4
M16×1	12	19.5	14.5	22	22	4
_M18×1 <sup>‡</sup>	12	19.5	14.5	_22_	22	4
M24×1.5	18	20.5	15.5	_30	30	_ 5
M36×1.5	30	20.5	15.5	41	41	6
	M12×1 <sup>‡</sup> M16×1 M18×1 <sup>‡</sup> M24×1.5	M5x0.5 5 M12×1 <sup>‡</sup> 8 M16×1 12 M18×1 <sup>‡</sup> 12 M24×1.5 18	M5x0.5     5     13       M12×1 <sup>‡</sup> 8     17.5       M16×1     12     19.5       M18×1 <sup>‡</sup> 12     19.5       M24×1.5     18     20.5	M5x0.5         5         13         11           M12×1 <sup>‡</sup> 8         17.5         14.5           M16x1         12         19.5         14.5           M18x1 <sup>‡</sup> 12         19.5         14.5           M24x1.5         18         20.5         15.5	M5x0.5         5         13         11         13           M12×1‡         8         17.5         14.5         17           M16×1         12         19.5         14.5         22           M18×1‡         12         19.5         14.5         22           M24×1.5         18         20.5         15.5         30	M5x0.5         5         13         11         13         13           M12×1‡         8         17.5         14.5         17         17           M16×1         12         19.5         14.5         22         22           M18×1‡         12         19.5         14.5         22         22           M24×1.5         18         20.5         15.5         30         30

#### Material: CuZn, nickel plated

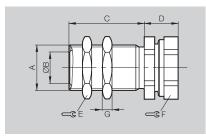
- Also available for welding environments (PTFE coated). Add /W to ordering code. Ordering example: BES 12.0-KH-2S/W or BES 12.0-KH-2S/W-M18
- <sup>‡</sup> Allows smaller diameter sensor to replace larger when installed in this prox mount.



Prox Mounts with positive stop for sensors with thread length 30 mm								
	Α	ØB	С	D max.	Е	F	G	
BES 08.0-KH-11S/W	M12x1 <sup>‡</sup>	8	17.5	15.5	17	17	4	
BES 12.0-KH-11S/W	M16x1	12	21	15.5	22	22	4	
BES12.0-KH-11S/W-M18	M18x1 <sup>‡</sup>	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

<sup>‡</sup> Allows smaller diameter sensor to replace larger when installed in this prox mount.

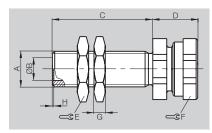


#### Prox Mounts with positive stop for sensors with thread length 40 mm or longer

	A	_ Ø B _		D max.			_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	$_{Q}B_{L}$	C	D max.	E	<u> </u>	<u>G</u>	Н	
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



Contents

Selection Guide

Universal Mounting Accessories

Inductive Accessories

- Mounting Brackets
- Protection
- Devices Prox Actuator
- Banking Screws

Capacitive Accessories

Photoelectric Accessories

- Brackets
- Apertures
- Lenses - Reflectors

BMS

Signal Conditioning

Power Supplies

 Sensor Testers

- Controllers

Digital Displays

Connectors





