

UCC Series

Diffuse Mode Sensor



Standard Technical Data

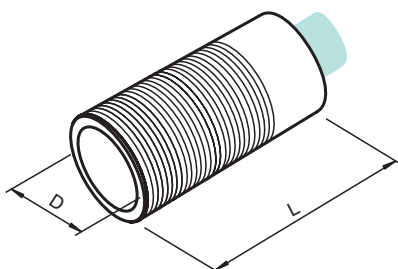
Design	Cylindrical
Voltage type	DC

For detailed data and description, see the datasheet. Further products can be found online at www.pepperl-fuchs.com.

Model number	Version	Detection range [mm]	Dead band	Output type	Switching function	UB (min)	UB (max)	Connection type	Length L	Diameter D	CSA	UL
UCC500-30GH70-IE2R2-K-V15	Straight head	500	45	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	111.3	30	■	■
UCC500-30GH70-IE2R2-V15	Straight head	500	45	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	99.3	30	■	■
UCC500-30GH70S-IE2R2-V15	Angled head	500	45	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	126	30	■	■
UCC1000-18GH90-E2-IO-V1		1000	100	IO-Link, PNP	Normally-open (NO)	12	30	M12 connector plug	90	18		
UCC1000-30GM-E6R2-V15	Straight head	1000	80	2 * PNP, PNP	Normally open/close selectable	10	30	M12 connector plug	96	30	■	■
UCC1000-30GM-IUR2-V15	Straight head	1000	80	Analog voltage output, analog current output	Analog	10	30	M12 connector plug	115	30	■	■
UCC2000-30GH70-IE2R2-K-V15	Straight head	2000	100	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	111.3	30	■	■
UCC2000-30GH70-IE2R2-V15	Straight head	2000	100	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	99.3	30	■	■
UCC2000-30GH70S-IE2R2-V15	Angled head	2000	100	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	126	30	■	■
UCC3500-30GH70-IE2R2-V15	Straight head	3500	200	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	99.3	30	■	■
UCC3500-30GH70S-IE2R2-V15	Angled head	3500	200	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	126	30	■	■
UCC6000-30GH70-IE2R2-V15	Straight head	6000	350	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	121.2	30	■	■
UCC6000-30GH70S-IE2R2-V15	Angled head	6000	350	Analog current output, PNP	Normally open/close selectable	20	30	M12 connector plug	143.5	30	■	■

Highlights

- Detection ranges of up to 6 m open up a wide range of application options
- Simple parameterization allows optimal adaptation to detection and measuring applications
- High chemical resistance for highest availability and durability thanks to housing made of high-quality stainless steel (V2A or V4A) and coated ultrasonic transducer



Brief Description

Complementing the UBC series, these sensors offer impressive adaptability to a wide range of applications. All surfaces that are exposed to aggressive media and atmospheres exhibit a high degree of resistance to chemical agents. Comprehensive, easy-to-use parameterization functions allow the sensors to be adapted to any application, and synchronized if necessary. The diffuse mode sensors are available with graduated detection ranges of up to six meters.

Accessories

BF 18	Mounting adapter, 18 mm
BF 18-F	Plastic mounting adapter, 18 mm
BF 30	Mounting adapter, 30 mm
BF 30-F	Plastic mounting adapter, 30 mm
BF 5-30	Universal mounting bracket for cylindrical sensors with a diameter of 5 mm ... 30 mm
M30K-VE	Plastic nuts with centering ring for vibration-decoupled mounting of cylindrical sensors
OMH-04	Mounting aid for circular profiles \varnothing 12 mm or flat profiles 1.5 mm ... 3 mm
UC-30GM-R2	Connection: sub-D socket, 9-pin