

30GM70 Series Diffuse Mode Sensor



Standard Technical Data

Design	Cylindrical
Switching function	Normally open/close selectable
Voltage type	DC
Operating voltage (max)	30 V
Connection type	M12 connector plug
Housing diameter D	30 mm
CSA	■
UL	■

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	Response delay [ms]	UB (min)	Length L
UC500-30GM70-2E2R2-K-V15	Straight head	500	45	2 * PNP	60	12	111.3
UC500-30GM70-2E2R2-V15	Straight head	500	45	2 * PNP	60	12	99.3
UC500-30GM70-IE2R2-K-V15	Straight head	500	45	Analog current output, PNP	60	20	111.3
UC500-30GM70-IE2R2-V15	Straight head	500	45	Analog current output, PNP	60	20	99.3
UC500-30GM70-UE2R2-K-V15	Straight head	500	45	Analog voltage output, PNP	60	20	111.3
UC500-30GM70-UE2R2-V15	Straight head	500	45	Analog voltage output, PNP	60	20	99.3
UC500-30GM70S-2E2R2-V15	Angled head	500	45	2 * PNP	60	12	126
UC500-30GM70S-IE2R2-V15	Angled head	500	45	Analog current output, PNP	60	20	126
UC500-30GM70S-UE2R2-V15	Angled head	500	45	Analog voltage output, PNP	60	20	126
UC2000-30GM70-2E2R2-K-V15	Straight head	2000	100	2 * PNP	100	12	111.3
UC2000-30GM70-2E2R2-V15	Straight head	2000	100	2 * PNP	100	12	99.3
UC2000-30GM70-IE2R2-K-V15	Straight head	2000	100	Analog current output, PNP	100	20	111.3
UC2000-30GM70-IE2R2-V15	Straight head	2000	100	Analog current output, PNP	100	20	99.3
UC2000-30GM70-UE2R2-K-V15	Straight head	2000	100	Analog voltage output, PNP	100	20	111.3
UC2000-30GM70-UE2R2-V15	Straight head	2000	100	Analog voltage output, PNP	100	20	99.3
UC2000-30GM70S-2E2R2-V15	Angled head	2000	100	2 * PNP	100	12	126
UC2000-30GM70S-IE2R2-V15	Angled head	2000	100	Analog current output, PNP	100	20	126
UC2000-30GM70S-UE2R2-V15	Angled head	2000	100	Analog voltage output, PNP	100	20	126
UC3500-30GM70-2E2R2-V15	Straight head	3500	200	2 * PNP	150	12	99.3
UC3500-30GM70-IE2R2-V15	Straight head	3500	200	Analog current output, PNP	150	20	99.3
UC3500-30GM70-UE2R2-V15	Straight head	3500	200	Analog voltage output, PNP	150	20	99.3
UC3500-30GM70S-2E2R2-V15	Angled head	3500	200	2 * PNP	150	12	126
UC3500-30GM70S-IE2R2-V15	Angled head	3500	200	Analog current output, PNP	150	20	126
UC3500-30GM70S-UE2R2-V15	Angled head	3500	200	Analog voltage output, PNP	150	20	126
UC6000-30GM70-2E2R2-V15	Straight head	6000	350	2 * PNP	275	12	121.2
UC6000-30GM70-IE2R2-V15	Straight head	6000	350	Analog current output, PNP	275	20	121.2
UC6000-30GM70-UE2R2-V15	Straight head	6000	350	Analog voltage output, PNP	275	20	121.2
UC6000-30GM70S-2E2R2-V15	Angled head	6000	350	2 * PNP	275	12	143.5
UC6000-30GM70S-IE2R2-V15	Angled head	6000	350	Analog current output, PNP	275	20	143.5
UC6000-30GM70S-UE2R2-V15	Angled head	6000	350	Analog voltage output, PNP	275	20	143.5

Highlights

- Graduated detection ranges for different object distances
- Infrared interface allows direct sensor access for parameterization or diagnosis
- Reaction-free parameterization during operation avoids process interruptions
- Various transducer versions to handle any installation situation

Accessories

BF 18	Mounting adapter, 18 mm
BF 30	Mounting adapter, 30 mm
BF 5-30	Universal mounting bracket for cylindrical sensors with a diameter of 5 mm ... 30 mm
UC-30GM-R2	Connection: sub-D socket, 9-pin
UC-PROG-IR-USB	Interface cable
V15-G-2M-PUR	Single-ended female cordset, M12, 5-pin, PUR cable