

L2 Series

Diffuse Mode Sensor



Standard Technical Data

Design	Cuboid shape
Voltage type	DC
Operating voltage (max)	30 V
Housing length L	40 mm
Housing width W	40 mm
Housing height H	40 mm
UL	■

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

Model number	Detection range [mm]	Dead band	Output type	Switching function	Response delay [ms]	Switching frequency [Hz]	UB (min)	Connection type	EAC	UL
UC500-L2-E4-V15	500	35	NPN	Normally open/close selectable	20	14	10	M12 connector plug	■	■
UC500-L2-E5-V15	500	35	PNP	Normally open/close selectable	20	14	10	M12 connector plug	■	■
UC500-L2-E6-V15	500	35	2 * PNP, PNP	Normally open/close selectable	20	14	10	M12 connector plug	■	■
UC500-L2-E7-V15	500	35	2 * NPN, NPN	Normally open/close selectable	20	14	10	M12 connector plug	■	■
UC500-L2-I-V15	500	35	Analog current output	Analog	20		10	M12 connector plug	■	■
UC500-L2-U-V15	500	35	Analog voltage output	Analog	20		12	M12 connector plug	■	■
UC500-L2M-E6-T-2M	500	35	2 * PNP, PNP	Normally open/close selectable	20	14	10	Fixed cable	■	■
UC500-L2M-E7-T-2M	500	35	2 * NPN, NPN	Normally open/close selectable	20	14	10	Fixed cable	■	■
UC500-L2M-I-T-2M	500	35	Analog current output	Analog	20		10	Fixed cable	■	■
UC500-L2M-U-T-2M	500	35	Analog voltage output	Analog	20		12	Fixed cable	■	■
UC2000-L2-E4-V15	2000	60	NPN	Normally open/close selectable	60	5	10	M12 connector plug	■	■
UC2000-L2-E5-V15	2000	60	PNP	Normally open/close selectable	60	5	10	M12 connector plug	■	■
UC2000-L2-E6-V15	2000	60	2 * PNP, PNP	Normally open/close selectable	60	5	10	M12 connector plug	■	■
UC2000-L2-E7-V15	2000	60	2 * NPN, NPN	Normally open/close selectable	60	5	10	M12 connector plug	■	■
UC2000-L2-I-V15	2000	60	Analog current output	Analog	60		10	M12 connector plug	■	■
UC2000-L2-U-V15	2000	60	Analog voltage output	Analog	60		12	M12 connector plug	■	■
UC2000-L2M-E6-T-2M	2000	60	2 * PNP, PNP	Normally open/close selectable	60	5	10	Fixed cable	■	■
UC2000-L2M-E7-T-2M	2000	60	2 * NPN, NPN	Normally open/close selectable	60	5	10	Fixed cable	■	■
UC2000-L2M-I-T-2M	2000	60	Analog current output	Analog	60		10	Fixed cable	■	■
UC2000-L2M-U-T-2M	2000	60	Analog voltage output	Analog	60		12	Fixed cable	■	■
UC2000-L2M-E5-V15	2000	60	PNP	Normally open/close selectable	60	5	10	M12 connector plug	■	■
UC4000-L2-E4-V15	4000	200	NPN	Normally open/close selectable	110	3	10	M12 connector plug	■	■
UC4000-L2-E5-V15	4000	200	PNP	Normally open/close selectable	110	3	10	M12 connector plug	■	■
UC4000-L2-E6-V15	4000	200	2 * PNP, PNP	Normally open/close selectable	110	3	10	M12 connector plug	■	■
UC4000-L2-I-V15	4000	200	Analog current output	Analog	110		10	M12 connector plug	■	■
UC4000-L2-U-V15	4000	200	Analog voltage output	Analog	110		12	M12 connector plug	■	■
UC4000-L2M-E6-T-2M	4000	200	2 * PNP, PNP	Normally open/close selectable	110	3	10	Fixed cable	■	■
UC4000-L2M-E7-T-2M	4000	200	2 * NPN, NPN	Normally open/close selectable	110	3	10	Fixed cable	■	■
UC4000-L2M-I-T-2M	4000	200	Analog current output	Analog	110		10	Fixed cable	■	■
UC4000-L2M-U-T-2M	4000	200	Analog voltage output	Analog	110		12	Fixed cable	■	■

Highlights

- A wide spectrum of detection ranges also enables use in wide-range applications
- Variable, rotating sensor head for installation in special conditions
- Mounting and connections are compatible with the equivalent inductive proximity switches in the VariKont L series
- -T models have an extended temperature range

Accessories

UB-PROG2	Programming unit
UC-PROG1-USB	Programming device
V15-G-2M-PVC	Single-ended female cordset, M12, 5-pin, PVC cable
V15S-G-0,3M-PUR-WAGO	Single-ended male cordset, M12, 5-pin, PUR cable with WAGO terminals