

F42 Series

Diffuse Mode Sensor



Standard Technical Data

Design	Cuboid shape
Housing height H	80 mm

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	Voltage type	UB (min)	UB (max)	Connection type	Length L	Width W	CSA	EAC	UL
UB400-F42-UK-V95	400	40	Relay	Normally-open (NO)	AC/DC	22	253	7/8 inch connector plug	34	80			
UB400-F42S-UK-V95	400	40	Relay	Normally-open (NO)	AC/DC	22	253	7/8 inch connector plug	80	34			
UB500-F42-E4-V15	500	30	NPN	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB500-F42-E5-V15	500	30	PNP	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB500-F42-E6-V15	500	30	2 * PNP, PNP	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB500-F42-E7-V15	500	30	2 * NPN, NPN	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB500-F42-I-V15	500	30	Analog current output	Analog	DC	10	30	M12 connector plug	34	80			
UB500-F42-U-V15	500	30	Analog voltage output	Analog	DC	17	30	M12 connector plug	34	80			
UB500-F42S-E4-V15	500	30	NPN	Normally open/close selectable	DC	10	30	M12 connector plug	80	34			
UB500-F42S-E5-V15	500	30	PNP	Normally open/close selectable	DC	10	30	M12 connector plug	80	34			
UB500-F42S-E6-V15	500	30	2 * PNP, PNP	Normally open/close selectable	DC	10	30	M12 connector plug	80	34			
UB500-F42S-E7-V15	500	30	2 * NPN, NPN	Normally open/close selectable	DC	10	30	M12 connector plug	80	34			
UB500-F42S-I-V15	500	30	Analog current output	Analog	DC	10	30	M12 connector plug	80	34			
UB500-F42S-U-V15	500	30	Analog voltage output	Analog	DC	17	30	M12 connector plug	80	34			
UB1500-F42-UK-V95	1500	70	Relay	Normally-open (NO)	AC/DC	22	253	7/8 inch connector plug	34	80			
UB1500-F42S-UK-V95	1500	70	Relay	Normally-open (NO)	AC/DC	22	253	7/8 inch connector plug	80	34			
UB2000-F42-E4-V15	2000	60	NPN	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB2000-F42-E5-V15	2000	60	PNP	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB2000-F42-E6-V15	2000	60	2 * PNP, PNP	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB2000-F42-E7-V15	2000	60	2 * NPN, NPN	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB2000-F42-I-V15	2000	60	Analog current output	Analog	DC	10	30	M12 connector plug	34	80			
UB2000-F42-U-V15	2000	60	Analog voltage output	Analog	DC	17	30	M12 connector plug	34	80			
UB2000-F42S-E4-V15	2000	60	NPN	Normally open/close selectable	DC	10	30	M12 connector plug	80	34			
UB2000-F42S-E5-V15	2000	60	PNP	Normally open/close selectable	DC	10	30	M12 connector plug	80	34			
UB2000-F42S-E6-V15	2000	60	2 * PNP, PNP	Normally open/close selectable	DC	10	30	M12 connector plug	80	34			
UB2000-F42S-E7-V15	2000	60	2 * NPN, NPN	Normally open/close selectable	DC	10	30	M12 connector plug	80	34			
UB2000-F42S-I-V15	2000	60	Analog current output	Analog	DC	10	30	M12 connector plug	80	34			
UB2000-F42S-U-V15	2000	60	Analog voltage output	Analog	DC	17	30	M12 connector plug	80	34			
UB3000-F42-UK-V95	3000	200	Relay	Normally-open (NO)	AC/DC	22	253	7/8 inch connector plug	34	80			
UB4000-F42-E4-V15	4000	200	NPN	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB4000-F42-E5-V15	4000	200	PNP	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB4000-F42-E6-V15	4000	200	2 * PNP, PNP	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB4000-F42-E7-V15	4000	200	2 * NPN, NPN	Normally open/close selectable	DC	10	30	M12 connector plug	34	80			
UB4000-F42-I-V15	4000	200	Analog current output	Analog	DC	10	30	M12 connector plug	34	80			
UB4000-F42-U-V15	4000	200	Analog voltage output	Analog	DC	17	30	M12 connector plug	34	80			
UB5000-F42-UK-V95	5000	350	Relay	Normally-open (NO)	AC/DC	22	253	7/8 inch connector plug	50	80			
UB6000-F42-E4-V15	6000	350	NPN	Normally open/close selectable	DC	10	30	M12 connector plug	50	80			
UB6000-F42-E5-V15	6000	350	PNP	Normally open/close selectable	DC	10	30	M12 connector plug	50	80			
UB6000-F42-E6-V15	6000	350	2 * PNP, PNP	Normally open/close selectable	DC	10	30	M12 connector plug	50	80			
UB6000-F42-E7-V15	6000	350	2 * NPN, NPN	Normally open/close selectable	DC	10	30	M12 connector plug	50	80			
UB6000-F42-I-V15	6000	350	Analog current output	Analog	DC	10	30	M12 connector plug	50	80			
UB6000-F42-U-V15	6000	350	Analog voltage output	Analog	DC	17	30	M12 connector plug	50	80			