

CE

Properties

- Up to 5000 mm sensing range versions
- AC/DC, relay output
- Surface mount F42 housing, front view
- Connector version

Your Benefit

- Simple pushbutton configuration

Technical Data

*For detailed data and product description refer to the data sheets at **www.pepperl-fuchs.com***

General Data	
Operating voltage	20 ... V DC ... 253 V AC
No-load supply current	≤ 60 mA
Output type	1 relay output
Rated operational current	3 A
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Material	
Housing	PBT
Transducer	epoxy resin/hollow glass sphere mixture; foam polyurethane, cover PBT
Protection degree	IP65
Connection	5-pin V95 connector (7/8"-16 UN 2A)



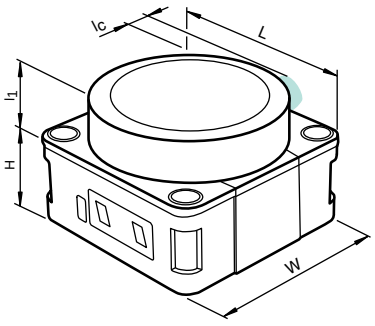
Model Number		UB400-F42-UK-V95	UB1500-F42-UK-V95	UB3000-F42-UK-V95	UB5000-F42-UK-V95
Sensing range	40 ... 400 mm	●			
	70 ... 1500 mm		●		
	200 ... 3000 mm			●	
	350 ... 5000 mm				●
Transducer frequency	approx. 390 kHz	●			
	approx. 175 kHz		●		
	approx. 85 kHz			●	
	approx. 65 kHz				●
Switching frequency	≤ 0.6 Hz				●
	≤ 1.5 Hz			●	
	≤ 3 Hz		●		
	≤ 8 Hz	●			

Dimensions				
Length L [mm]	80			
Width W [mm]	80			
Height H [mm]	34			
Transducer length l_1 [mm]	0			16
Connector area l_c [mm]	16			

Accessories

This and more accessories can be found in chapter 3.5 from page 676
See pages from 974 ... for cordsets See pages 1074 ... for mounting aids

V95-G	Female connector, 7/8" - 16 UN, 5-pin, field attachable
V95-W-5M-PVC	Female connector, 7/8", 5-pin, PVC cable
V95-W	Field attachable female cordset
V95-W-2M-PVC	Female connector, 7/8", 5-pin, PVC cable
MH 04-3505	Mounting aid for FP sensors
MHW 11	Mounting brackets for sensors

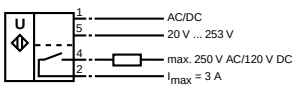


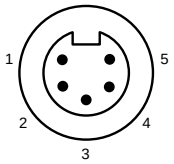
Electrical Connection



UB400-F42-UK-V95
UB1500-F42-UK-V95
UB3000-F42-UK-V95
UB5000-F42-UK-V95

Standard symbol/Connections:
(version UK)





Wire colors

1	WH	(white)
2	RD	(red)
3	GN	(green)
4	OR	(orange)
5	BK	(black)

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Consider the General Notes on the Information in the Pepperl+Fuchs Product Catalogs
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