

Technical Data

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

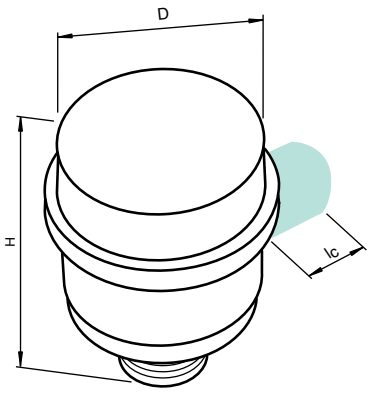
Model Number	UC500-D1-3K-V7
Sensing range	60 ... 550 mm
Transducer frequency	approx. 380 kHz
Operating voltage	10 ... 253 V DC 20 ... 253 V AC , 47 ... 63 Hz
No-load supply current	< 30 mA with U_B = 30 V DC < 110 mA at U_B = 10 V DC < 25 mA at U_B = 220 V AC
Output type	3 relay outputs, normally open/closed, selectable
Contact loading	253 V AC/150V DC, 3 A (ohm. load)
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Material	
Housing	cover: PC housing: PBT threaded flange: stainless steel installation connector/cable socket: PETP
Transducer	epoxy resin/hollow glass sphere mixture; polyurethane foam
Protection degree	IP65
Connection	90° V7 (7-pin) cable connector Wire cross section: ≤1.5 mm^2 cable diameter Ø7 ... 9 mm

Approvals and Certificates	
CCC approval	Certified by China Compulsory Certification (CCC)

Dimensions	
Height H [mm]	106
Diameter D [mm]	75
Connector area l_c [mm]	79

Properties

- 500 mm sensing range
- AC/DC, 3 relay outputs
- Ø30/75 mm cylindrical housing
- Connector version

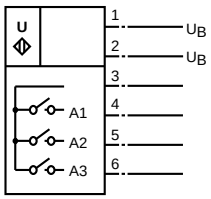


Electrical Connection



UC500-D1-3K-V7

Normsymbol/Anschluss:



Connector V7



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