

Technical Data

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

General Data	
Sensing range	200 ... 3000 mm
Transducer frequency	approx. 100 kHz
Operating voltage	10 ... 30 V DC
No-load supply current	≤ 50 mA
Input type	1 program input
Input/output type	1 synchronization connection, bidirectional
Ambient temperature	-25 ... 60 °C (-13 ... 140 °F)
Material	
Housing	Stainless steel 1.4404 / AISI 316L
Transducer	Stainless steel 1.4435 / AISI 316L
Protection degree	IP68 / IP69K
Connection type	cable PUR , 5 m



Model Number		UMC3000-30H-E5-5M-FA	UMC3000-30H-I-5M-FA
Output type	1 analog output 4 ... 20 mA		●
	1 switch output, PNP NO/NC, programmable	●	
Rated operational current	200 mA , short-circuit/overload protected	●	
Resolution	Evaluation range [mm]/3200, however ≥ 0.4 mm		●
Deviation of the characteristic curve	≤ 0.2 % of full-scale value		●
Switching frequency	≤ 2.8 Hz	●	
Dimensions			
Length L [mm]		100	
Diameter D [mm]		30	
Thread length l_t [mm]		0	
Connector length l_c [mm]		11	

Properties

- Ø30 mm high-grade steel housing
- 3000 mm adjustable sensing range
- Switch point and analog output versions
- Cable version

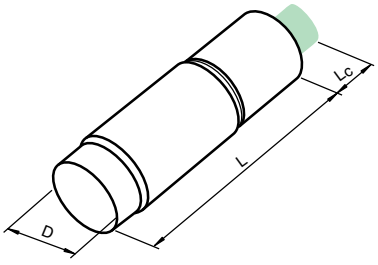
Benefits

- 1200 psi washdown immunity
- Seamless 100% 316L stainless steel housing
- Food-grade design
- Mounting collar included

Accessories

These and more accessories can be found in chapter 3.4 from page 727
See pages from 970 ... for cordsets See pages 1066 ... for mounting accessories

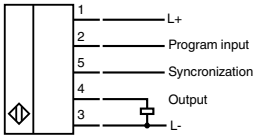
PACTware 4.X	FDT frame application
Ultrasonic sensors DTM	DTM file for communication with cube style and UMC... sensors
UC-PROG1	Serial programming interface
V15S-G-0,3M-PUR-WAGO	Wiring adapter for programming - Male cordset with WAGO terminals
MH-30H-01-FA	Food-grade stainless steel mounting collar



Electrical Connection



UMC3000-30H-E5-5M-FA
UMC3000-30H-I-5M-FA



Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)
5	GY	(gray)

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