



Technical Data

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

General Data

Sensing range	800 ... 10000 mm
Transducer frequency	approx. 60 kHz
Operating voltage	15 ... 30 V (including ripple) In supply voltage interval 15 ... 20 V reduced sensitivity by 20% ... 0%
No-load supply current	≤ 75 mA
Linearity error	≤ 1.5 %
Input/output type	1 synchronization connection, bidirectional
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Material	
Housing	UP 1225 SF/R8
Transducer	epoxy resin/hollow glass sphere mixture; polyurethane foam
Protection degree	IP65
Connection type	screw terminals , PG 13.5 cable gland



Properties

- 10 m sensing range
- DC, analog output, switching outputs and programming interface
- Rotatable F260 housing
- Terminal compartment

Your Benefit

- SONPROG programmable sensing limits and filtering

Model Number

	UC10000-F260-IE8R2	UC10000-F260-IE9R2	UC10000-F260-UE8R2	UC10000-F260-UE9R2
Output type	2 switch outputs PNP, NC 2 switch outputs PNP, NO	●	●	●
Operating current	150 mA , short-circuit/overload protected 300 mA , short-circuit/overload protected	●	●	●
Output type	1 voltage output: 0 ... 10 V rising slope 1 current output 4 ... 20 mA rising slope	●	●	●

Approvals and Certificates

UL approval	cULus Listed, General Purpose	●	●	●	●
CSA approval	cCSAus Listed, General Purpose	●	●	●	●

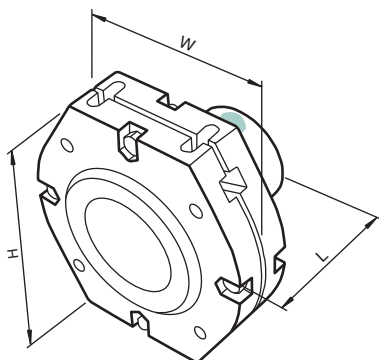
Dimensions

Length L [mm]	112
Width W [mm]	160
Height H [mm]	160

Accessories

This and more accessories can be found in chapter 3.5 from page 673
See pages from 972 ... for cordsets See pages 1068 ... for mounting aids

DA5-IU-C	Digital display unit
3RX4000-PF	PC interface
V1S-M12-500	Receptacles, M12/M16, 5-pin



Electrical Connection



UC10000-F260-IE9R2
UC10000-F260-UE8R2
UC10000-F260-UE9R2
UC10000-F260-IE8R2

