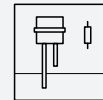




Suspension Electrode

HR-690121



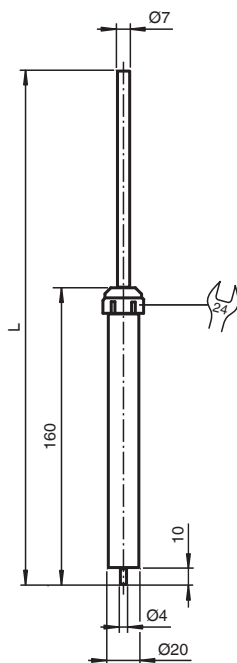
- Sensor for conductive limit value detection
- Simple and robust installation
- Application in deep wells and drainage shafts



Function

An electrode relay provides the measuring AC voltage for the electrode.
If the product comes into contact with conductive batch, the measuring circuit between electrode and wall of vessel is closed and the electrode relay is switched.

Dimensions



Technical Data

General specifications

Type	sensor for conductive limit value detection
Equipment architecture	A measuring system consists of a suspension electrode HR-690121 with electrode relay KFA6-ER 1.6, KFD2-ER 1.6, KFD2-ER-Ex1.W.LB or KFA6-ER-Ex1.W.LB.

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Versions		HR-690121/05, suspension electrode, 5 m (5.5 yd) cable, PVC HR-690121/10, suspension electrode, 10 m (11 yd) cable, PVC HR-690121/20, suspension electrode, 20 m (22 yd) cable, PVC
Input		
Measured variable		measuring voltage directly from the electrode relay
Output		
Output signal		electrode relay creates switch signal corresponding to the selected responsiveness.
Directive conformity		
Electromagnetic compatibility		
Directive 2014/30/EU		EN 61326-1:2006 , EN 61326-2-3:2006
Conformity		
Degree of protection		IEC 60529:2001
Operating conditions		
Process conditions		
Process temperature		-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications		
Material		thread, cable insulation and electrode: PVC electrode tip: stainless steel 1.4571/316Ti
Dimensions		electrode: Ø20 mm (0.8 inch), length 160 mm (6.3 inch) cable: length max. 20 m (21.9 yard)
General information		
Supplementary information		Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com .

Type Code

 This overview does not mark options which are mutually exclusive.
Option with * = on request/in preparation

Device	
HR-690121	Conductive limit switch
Cable length	
05	5 m (5.5 yard)
10	10 m (10.9 yard)
20	20 m (21.9 yard)

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