

INSTALLATION GUIDE

Eddy Current Probes Series WST

For further information please see the data sheet at www.waycon.biz/products/eddy-current-probe/

INTRODUCTION

WayCon Positionsmesstechnik GmbH would like to thank you for the trust you have placed in us and our products. This manual will make you familiar with the installation and operation of our eddy current probes. Please read this manual carefully before initial operation!

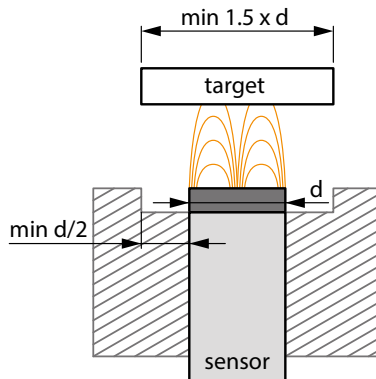
Unpacking and checking:

Lift the device out of the box by grabbing the housing. After unpacking the device, check it for any visible damage as a result of rough handling during the shipment. Check the delivery for completeness. If necessary consult the transportation company, or contact WayCon directly for further assistance.

INSTALLATION

The high sensitivity of the sensors requires careful and vibration-free installation. The installation distance must be selected so that the maximum measuring range of a sensor is not exceeded in the operating state and contact with the measured object is avoided. The size of the measurement object should be $1\frac{1}{2}$ times the size of the active area of the sensor.

A distance should be maintained to any metal parts present to the side of the unshielded sensor which corresponds approximately to the radius of the sensor.





ELECTRICAL CONNECTION

Terminal	Function
1	+V
2	GND
3	0...20 mA / 4...20 mA ¹⁾
4	0 V 1)
5	0...10 V
6	0 V

¹⁾ WAT-020A and WAT-420A only



DECLARATION OF CONFORMITY

WayCon Positionsmesstechnik GmbH
Mehlbeerenstraße 4
82024 Taufkirchen / Germany

We declare that the products to which the present declaration relates comply with the essential requirements of the given directive(s) and have been evaluated on the basis of the listed standard(s).

Classification Eddy Current Probes
Series WST, WAT

Directive(s) 2014/30/EU, 2014/35/EU
Standard(s) EN 61000-6-2:2005 + AC: 2005, EN 61000-6-3:2007 + AC:2012, EN 61010-1:2010

The declaration of conformity loses its validity if the product is misused or modified without proper authorisation.

Taufkirchen, 18.08.2020

Andreas Träger
CEO