

3AR Installation:

Please note the following instructions for installing the 3AR products from Interface. For professional installation, the 3AR sensor must be attached to the special marked screw surfaces.

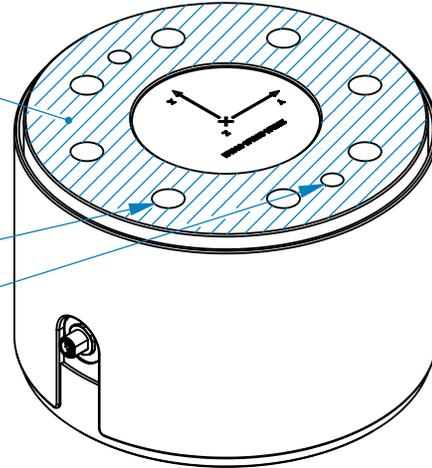
Mounting surface measuring platform (moving side)

The measuring setup must be attached to the mounting surface of the measuring platform of the 3AR sensor. The threads, pin holes and tightening torques specified in the table must be used.

The screw depth in the measuring platform should be at least 1x the screw diameter.

8x fastening with cylinder head screw

2x positioning by means of cylindrical pins

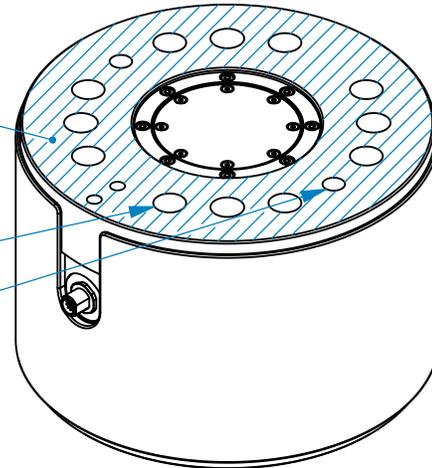


Mounting surface stator

The 3AR sensor must be attached to the screwing surface of the stator. The screws, pin holes and tightening torques specified in the table must be used. The screw-in depth in the stator should be at least 1x the screw diameter.

8x fastening with cylinder head screw

2x positioning by means of cylindrical pins



Mounting surface requirements

- high rigidity of the screwing surface, no deformation under load
- Flatness of the screwing surface 0.05 to 0.1mm
- Surface quality of the screwing surface Rz6.3

Number	Designation	Strength class/ Tightening torque (Nm) Measuring platform	Strength class/ Tightening torque (Nm) Stator
8	Cylinder head screw DIN EN ISO 4762 M20	8.8 / 400Nm 10.9 / 550Nm 12.9 / 700Nm	8.8 / 400Nm 10.9 / 550Nm 12.9 / 700Nm
2	Cylinder pins DIN6325 Ø12m6		

<p>Thread countersinking DIN 76 under 90° to 120° until Thread outer diameter</p>	<p>Standard ISO 128</p>	<p>General tolerances ISO 2768-</p> <p>Surface finish DIN EN ISO 1302</p> <p>√ Rz</p>	<p>Refer to protection notice ISO 16016</p> <p>This 2D drawing is essential for production and assembly. Alternative file formats (e.g. Step and Dxf) are only for additional info.</p>
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