



DESIGN SPECIFICATION GH15DKE

To customize the cylinder pressure sensor to your specific application a detailed description of the length of the body and positioning of o-rings is required.

The total length of the sensor and the positioning of the o-rings is needed in order to ensure best possible sealing. The cylinder pressure sensor will be customized according to these requirements. The customized version is saved for future demands. The input as well as forwarding the form can be carried out electronically. The order form is also available as download at www.avl.com/sensors.

Base information:

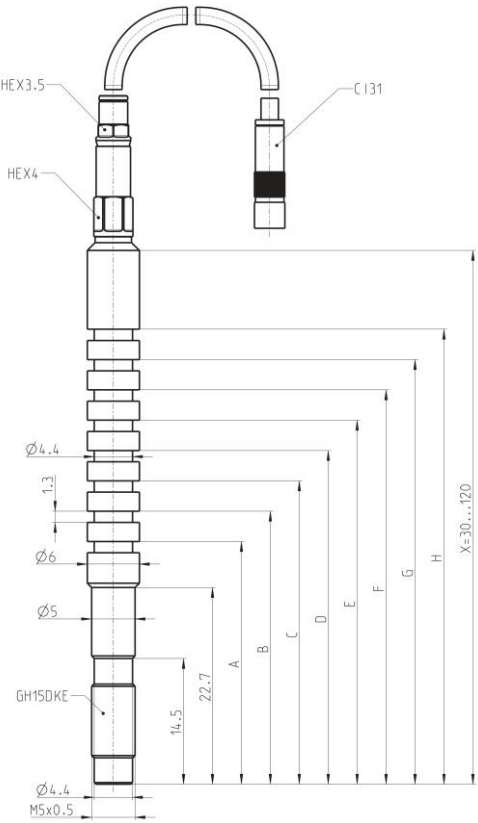
Customer name / contact	Affiliate name / contact	Date

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Specify GH15DKE:

Length of the GH15DKE can be selected between 30 and 120 mm with 10 mm steps.
 The distance to the front sealing of the sensor is needed for the positioning of o-rings. It is measured from the upper edge of recess of every o-ring. Please also verify the cross checks on the bottom of the page. Distance to first o-ring needs to be minimum 26mm from sealing surface. Distance to last o-ring needs to be minimum 2mm smaller than the sensor length X. Please contact your local AVL representative if you need more than 8 o-rings.

Dimension



Dimension

(min. 30 mm, max. 120 mm, in 10 mm steps)
 Length [X] = _____ mm

Position of o-rings

- (Distance front sealing to upper edge of recess)
- Position 1. o-ring [A] = _____ mm
 - Position 2. o-ring [B] = _____ mm
 - Position 3. o-ring [C] = _____ mm
 - Position 4. o-ring [D] = _____ mm
 - Position 5. o-ring [E] = _____ mm
 - Position 6. o-ring [F] = _____ mm
 - Position 7. o-ring [G] = _____ mm
 - Position 8. o-ring [H] = _____ mm

Cross check:

- Minimum distance of first o-ring:
 $A \geq 26 \text{ mm}$
- Maximum distance to last o-ring:
 $H \text{ (respectively last o-ring)} \leq X - 2 \text{ mm}$