

# Miniature Measuring Tongue

## 2,5 kN

### DPPC IS06.0

#### Features

- For indirect measuring
- Measuring range 0...+2,5 kN
- Connector thread M4 x 0,35



#### Technical Data

Method	Piezo electric; quartz
Range	0...2,5 kN
Overload	3 kN
Nom. sensitivity	-4,4 pC/N
Linearity	< 1 % FS
Natural frequency	> 200 kHz
Insulation resistance at 20°C	> 10 <sup>12</sup> Ω
Insulation resistance at 200 °C	> 10 <sup>11</sup> Ω

#### Mechanical Data

Connector thread	M4 x 0,35
Material enclosure	Stainless steel

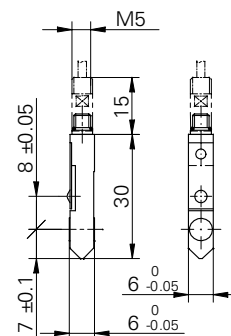
#### Environmental Conditions

Operating temp. range	0...+150 °C
Storage temperature	-40...+150 °C
Protection incl. cable	IP 65

#### Order Code

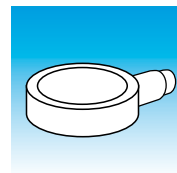
DPPC IS06.0-4.4

#### Dimensions (mm)

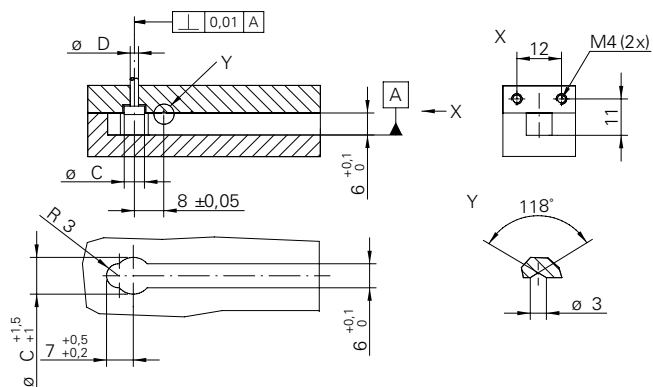


#### Delivery Contents

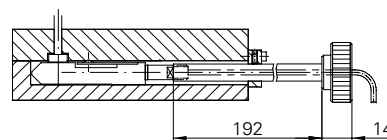
- Calibration sheet



## Mounting Dimensions



## Mounting with Mounting Tool



## Calculation

Pin diameter D (mm)	Sensitivity (pC/bar)
2	-1,38
2,5	-2,16
3	-3,11
3,5	-4,23
4	-5,53

(Calculated with nom. sensitivity of -4,4 pC/N)

### Calculating formula:

Pin cross section (mm<sup>2</sup>) \* 0,1 \* sensor sensitivity (pC/N)

## Accessories

### Sensor Cable

DZCC xxxx-ST-MF  
DZCC xxxx-HT-MF

### Mounting Accessories

DZPC MTHO  
DZPC HFMT

### Description

Mounting/Dismounting tool  
Clamping piece