

# Measuring Tongue

10 kN

DPPC IS12.6

## Features

- For indirect measuring
- Measuring range 0...+10 kN
- Connector thread M4 x 0,35



## Technical Data

Method	Piezo electric; quartz
Range	0...10 kN
Overload	12 kN
Nom. sensitivity	-4,2 pC/N
Linearity	< 1 % FS
Natural frequency	> 60 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

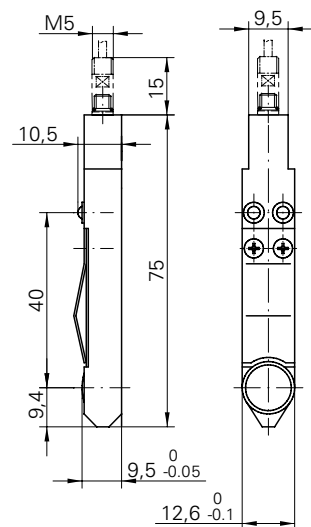
## Environmental Conditions

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

## Order Code

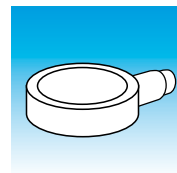
DPPC IS12.6-4.2

## Dimensions (mm)

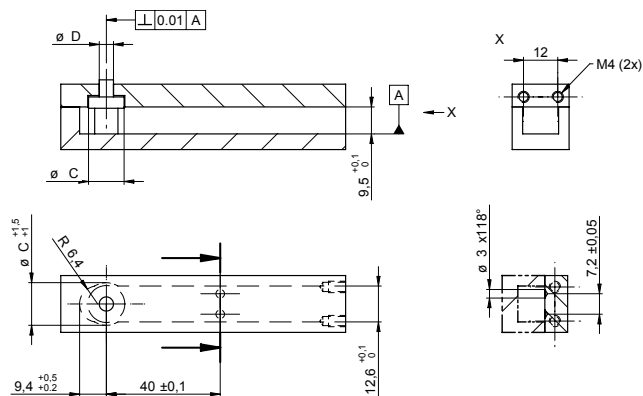


## Delivery Contents

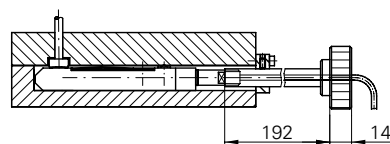
- Calibration sheet



## Mounting Dimensions



## Mounting with Mounting Tool



## Calculation

Pin diameter D (mm)	Sensitivity (pC/bar)
2	-1,32
2,5	-2,06
3	-2,97
3,5	-4,04
4	-5,28

(Calculated with nom. sensitivity of -4,2 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

Mountin/Demounting tool  
Clamping piece