

# Cavity Pressure Sensor

## 2000 bar

### DPPC DS04.0

#### Features

- For direct measuring
- Measuring range 0...2000 bar
- Connector thread M4 x 0,35
- Sensor diameter 4 mm



#### Technical Data

Method	Piezo electric; quartz
Range	0...2000 bar
Overload	2500 bar
Nom. sensitivity	
DPPC DS04.0-5.0	-5,0 pC/bar $\pm$ 2%
DPPC DS04.0-9.4	-9,4 pC/bar $\pm$ 2%
DPPC DS04.0-9.4/CS	-9,4 pC/bar $\pm$ 1%
Linearity	< 1% FS
Natural frequency	> 100 kHz
Insulation resistance at 20°C	> 10 <sup>12</sup> $\Omega$
Insulation resistance at 200 °C	> 10 <sup>11</sup> $\Omega$

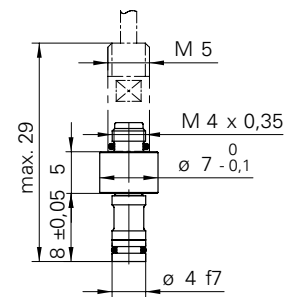
#### Mechanical Data

Connector thread	M4 x 0,35
Material enclosure	Stainless steel

#### Environmental Conditions

Operating temp. range	0...+200 °C
Storage temperature	-40...+200 °C
Melt temperature (at sensor front side)	< +400 °C
Protection incl. connector	IP 65

#### Dimensions (mm)



#### Delivery Contents

- Special nut DZPC MN04
- Calibration sheet

#### Order Code

DPPC DS04.0-/

Option

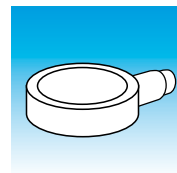
**TP** = Turning protection

**CS1** = Uniform sensitivity 1%

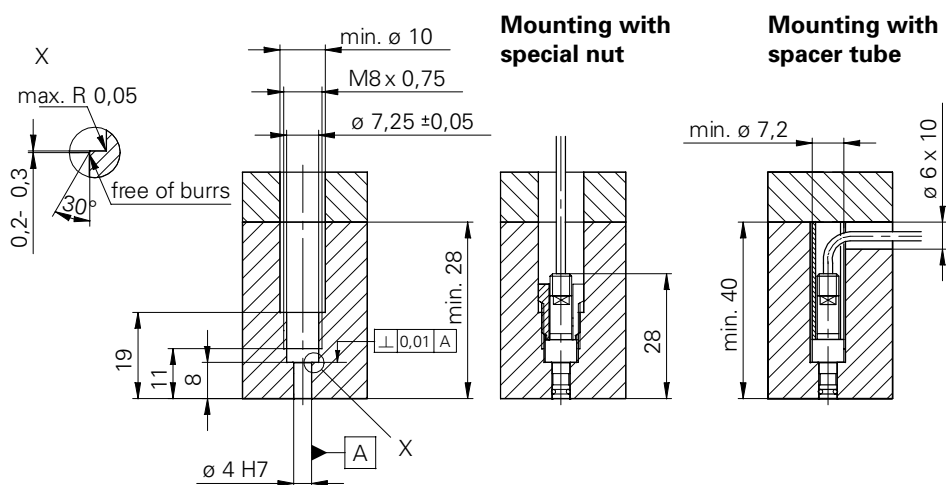
Nominal sensitivity

**5.0** = -5,0 pC/bar

**9.4** = -9,4 pC/bar



## Mounting Dimensions



## Accessories

### Sensor Cable

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

### Mounting Accessories

DZPC MN04  
DZPC MWPT  
DZPC MT04

### Description

Special nut  
Mounting wrench  
Spacer tube