

# Piezo Electric Force Sensor 2,5 kN

DLPP 6MO



## Features

- 2,5 kN miniature quartz force sensor
- Extremely small size
- To measure dynamic forces
- Welded construction
- With connector

## Technical Data

|                                 |                        |
|---------------------------------|------------------------|
| Method                          | Piezo electric; quartz |
| Measuring range                 | 0...+2,5 kN            |
| Max. allowable load             | 3 kN                   |
| Nom. sensitivity                | -4,4 pC/N              |
| Linearity                       | < 1 % FS               |
| Capacitance w/o cable           | < 50 pF                |
| Insulation resistance at 20°C   | > 10 <sup>12</sup> Ω   |
| Insulation resistance at 150 °C | > 10 <sup>11</sup> Ω   |

## Mechanical Data

|                  |                 |
|------------------|-----------------|
| Connector thread | M4 x 0,35       |
| Material         | Stainless steel |

## Environmental Conditions

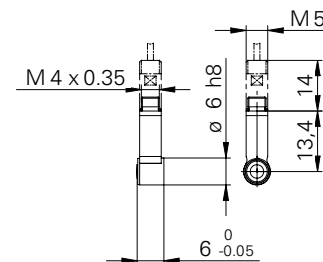
|                        |               |
|------------------------|---------------|
| Operating temp. range  | 0...+150 °C   |
| Storage temperature    | -40...+150 °C |
| Protection incl. cable | IP 65         |

## Order Code

DLPP 6MO-2.5-4.4



## Dimensions (mm)



## Delivery Contents

- Calibration sheet

## Accessories

### Connecting Cable

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