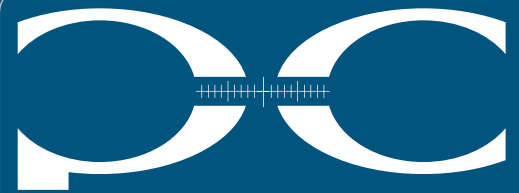


Inclinometer-Type: PC-INV1



POSITION CONTROL
MEASUREMENT ENGINEERING

Technical Data

Principle of function:

High Accuracy Borehole-Inclinometer, uni or biaxial

Measuring ranges:

$\pm 5^\circ$; $\pm 10^\circ$ and $\pm 15^\circ$ biaxial [other Ranges on req

Supply voltage:

12 ... 24 VDC

Current consumption:

max.40 mA

Output signal:

Digital / RS485 / Modbus ASCII

Resolution μ radians maximum:

8

Nonlinearity % [1]:

0.08

Compensated temperature range:

-10 °C... 50 °C

Operating temperature range:

-15 °C... 70 °C

Storage temperature range:

-40 °C... 70°C

Material:

Aluminium (blue anodized)

Mode of protection:

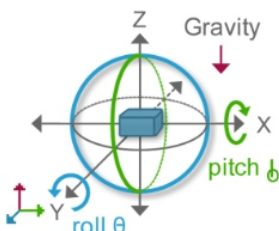
IP 68 [Option up to 100m Underwater Operation]

Type of el. connection:

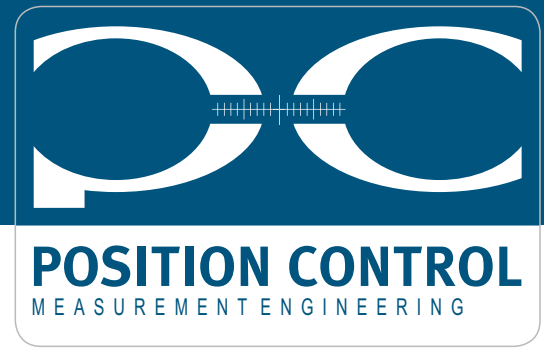
Connector, M8



*1Deviation of output referenced to theoretical value.



Inclinometer-Type: PC-IND3



Dimensions:

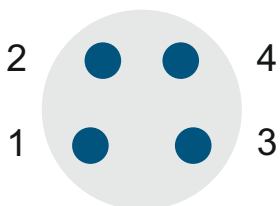


In-Place-Inclinometers suitable for installation into most locations and for use in many different applications. Models are available for vertical, horizontal offset measurements
Wheel assembly can use with 55mm and 70 mm Diameter Tube's

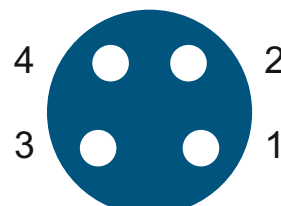
Electrical connections:

Layout sensor connectors M8 / RS485 Modbus interface

PIN No.	Colour internal wire	Layout
1	Brown	Vcc
2	White	Data +
3	Blue	Ground
4	Black	Data -



scheme male connector



scheme female connector