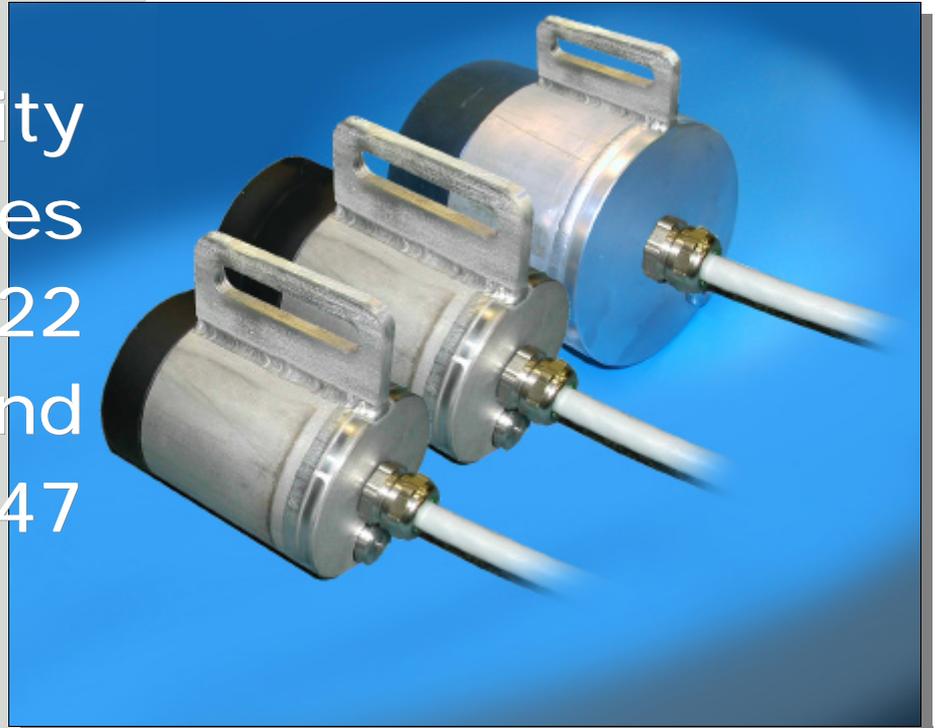


Proximity
switches
Proxis 22
Proxis 32 and
Proxis 47



Rugged... rugged.

Proxis 22, 32 and 47 are three inductive proximity switches especially designed for harsh environments. The housings of all the three different models are made of stainless steel and are cast resin filled.

The range of the sensors is respectively 22, 32 and 47 mm. A NO or NC output is available as standard.

Standard protection IP 67.

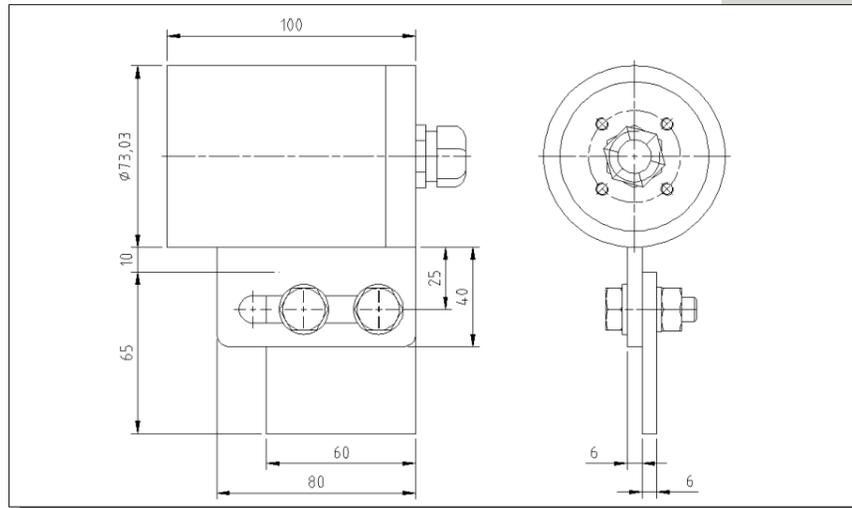
Provided with special connectors suitable up to 3000 msw.

Typical applications would be the measurement of end positions on dredgers, etc.

Other information:

- Short circuit protection.
- Reverse polarity protection.
- Welding plate included.

Technical specifications



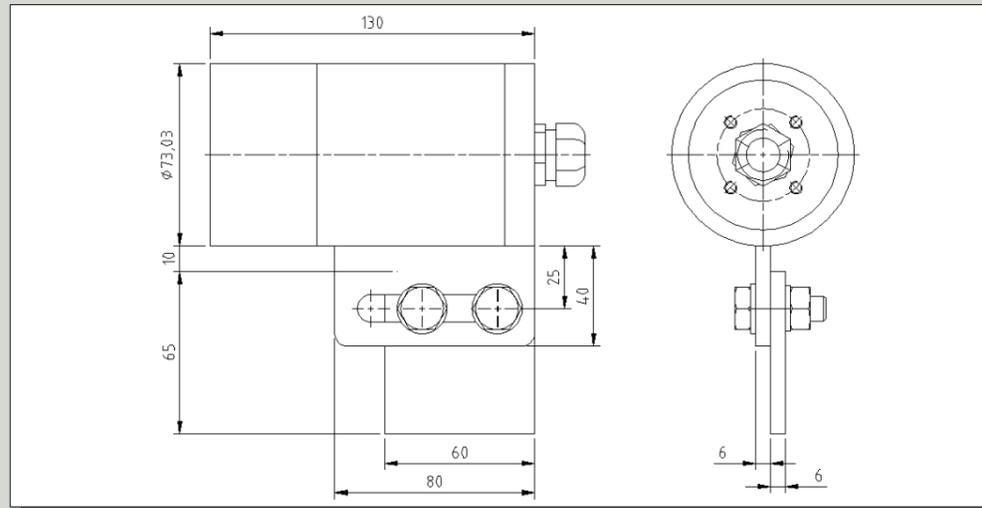
Product name Proxis 22
Identification code 0016

Mechanical:
Main dimensions See detailed drawing
Materials Stainless steel 316L / cast resin
Weight 1530 gr.

Electrical:
Power supply 12 ... 48 V DC
Current consumption < 10 mA
Maximum switch current 200 mA
Voltage drop < 2 V DC
Maximum switch frequency 100 Hz
Temperature range -10° ... +70°C
Connection PG 13.5 gland brass/nickel
Range 22 mm (to steel FE 360)

Options:

- Other electrical connections



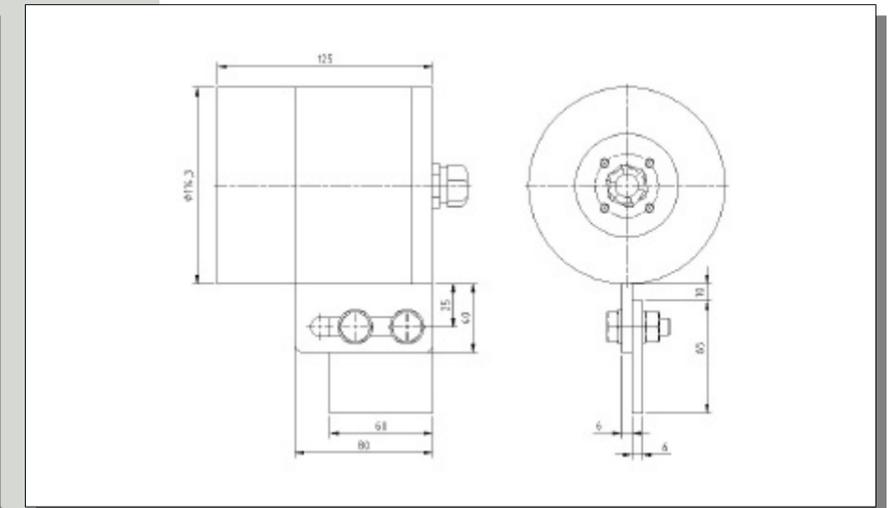
Product name Proxis 32
Identification code 0027

Mechanical:
Main dimensions See detailed drawing
Materials Stainless steel 316L / nylon / cast resin
Weight 1524 gr.

Electrical:
Power supply 20 ... 250 V AC
Off-state current = 1.7 mA
Minimum operational current 5 mA
Maximum switch current 500 mA AC
Voltage drop < 6 V effective
Maximum switch frequency 20 Hz
Temperature range -10° ... +70°C
Connection PG 13.5 gland brass/nickel
Range 32 mm (to steel FE 360)

Options:

- Other electrical connections



Product name Proxis 47
Identification code 0017

Mechanical:
Main dimensions See detailed drawing
Materials Stainless steel 316L / nylon / cast resin
Weight 3165 gr.

Electrical:
Power supply 12 ... 48 V DC
Current consumption < 10 mA
Maximum switch current 200 mA
Voltage drop < 2 V DC
Maximum switch frequency 100 Hz
Temperature range -10° ... +70°C
Connection PG 13.5 gland brass/nickel
Range 47 mm (to steel FE 360)

Options:

- **Other electrical connections**

Connection type

C 00/3 = 3 m. cable
C 01/x = Cable with length in m.
C 02/x = Customer specification

Gland type

G 00 = PG 13.5 brass/nickel
G 01 = PG 13.5 stainless steel
G 02 = Subconn®, 3 or 4 poles
G 03 = Customer specification

Ordering information
Proxis 22, Proxis 32 and Proxis 47

Proxis __ C __ / __ G __

For ordering assistance, please contact our sales department at: +31 - (0)186 - 68 00 00 or e-mail at: sales@seatools.nl

Ordering example:

Proxis 22 C 00/3 G 01

Proxis 22 with:

3 m. cable

Stainless steel PG 13.5

If not mentioned when ordered: standard code is 00



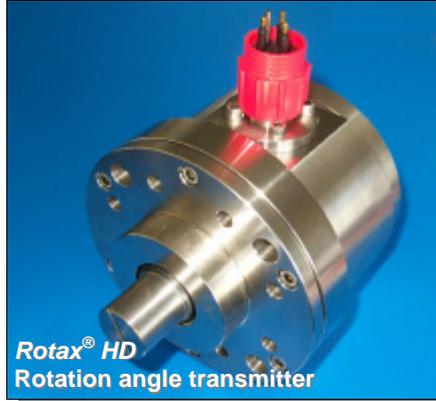
Proxis 47 with mini Subconn® connector for water depths up to 3000 msw



Proxis 22 with Subconn® connector for water depths up to 3000 msw



Vecto Thrust 775 H
Hydraulic thruster



Rotax® HD
Rotation angle transmitter



Pressit ND 16
Pressure transmitter



Sinclino 100
Single axis inclinometer



P&T 001
Electrical pan and tilt unit



Rotax® UNI 170
Rotation angle transmitter

Seatools is a specialist manufacturer of underwater Remote Operating Vehicles (ROVs), High Powered Trenchers and underwater equipment tools for measurement.

In addition to the design and manufacture of equipment for a client's particular requirements, Seatoools manufactures a range of standard products.

Seatoools' range of instrumentation products for underwater use includes:

- Pan & Tilt units.
- The Rotax® range of sensors for angle or rotational measurement.
- The Sinclino range of inclinometers (angle transmitters) suitable for water depths up to 3,000 msw.
- The Pressit range of pressure transmitters (relative, absolute and differential).

Most of these products are mounted as standard in rugged stainless steel housings (alternative materials are available).

Seatoools' range of specialist products includes:

- Thruster units for underwater vehicles with high efficiency propellers and nozzles.
- The design and production of electronic printed circuit boards based on customer specifications.
- The design and implementation of software products based on customer specifications. This includes control software and information displays (GUI).

Our experience, your guarantee

Seatoools performs the majority of its design, engineering and fabrication in house. Workshops are located on the premises, which gives Seatoools the control over all aspects of the design, manufacture and testing.

After Sales Product Support is provided by our technicians to support operational requirements.

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