

SPECIFICATIONS

SUBSEA CONVERTER



Description

The Subsea Converter is a standalone unit for converting analog and/or digital signals to a communication link.

The Subsea Converter allows for easy transmittal of signals from sensors subsea.

Easy and quick setup makes commissioning swift and effortless. Small footprint makes it perfect for smaller jobs where a larger canister system would be insufficient use of both space and weight.

Features

- Compact design
- Multiple Protocols
- Depth rated to 3000m
- Digital input conversion
- Analog input conversion
- RS232 communication
- RS485 communication

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General Technical Specifications

Type		Subsea Converter
Dimensions w/connector	mm	Ø40x193
Weight in air	g	~1000
Weights in water	g	~900
Temperature Operational (ambient)	°C	-20 to +50
Temperature Storage	°C	-40 to +70

Electrical

Supply Voltage	VDC	24VDC (21.6-26.4)
Power Consumption	W	~1
Analog Input		2 channels (4-20 mA)
Digital Input		2 channels PNP (24 V)
Connector for Power & Comms		5507-1508
Connector for sensor input		5507-1508

Performance

Depth Rating	m	3000
Analog Input Resolution		15bit (0-32767)
Digital Input Counter Frequency	kHz	0-200

Communication

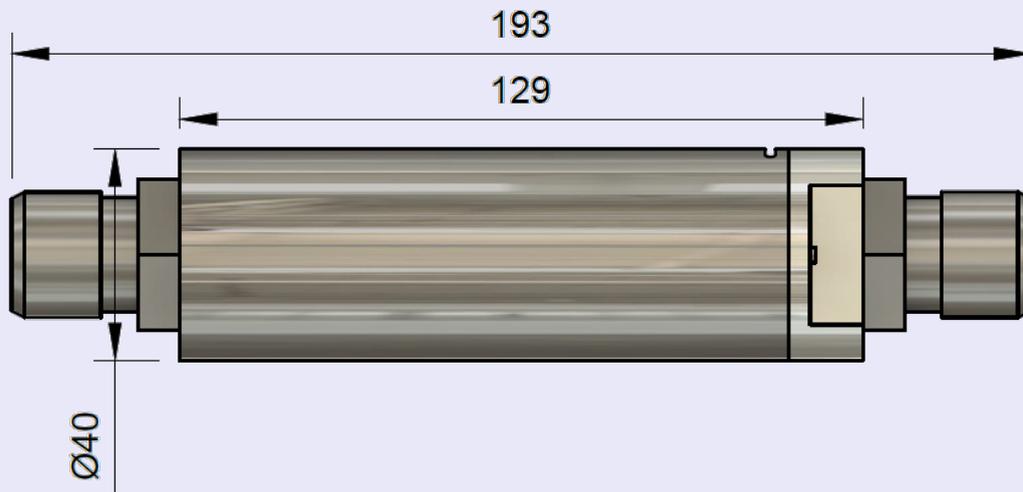
RS232	Kbps	9.6-230.4
RS485	kbps	9.6-230.4

Ordering Part Numbers

Description	Part Number
Subsea Converter	105879

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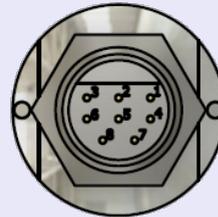
SUBSEA CONVERTER



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Communication
Interface

- 1: 0V
- 2: 24VDC
- 3: RS485+
- 4: RS485-
- 5: RS232 TX
- 6: RS232 RX
- 7: RS232 GND
- 8: NC



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Sensor
Interface

- 1: 0V
- 2: 24VDC
- 3: 4-20mA 1
- 4: 4-20mA 2
- 5: Dig in 1
- 6: Dig in 2
- 7: NC
- 8: NC



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