SPECIFICATIONS

CP INTERFACE UNIT

Description

The CP System Interface Unit connects and interface CP Contact Probe signals to RS232 or RS485 communication.

This solution minimizes noise and interference to the signal due to the short analog signal path. Eliminating the need for specialized CP sensor inputs.

Windows based GUI application to display readings in a history graph. It is possible to log the reading and add notes to be able to print or archive readings.

Features

- Compact design
- Multiple Protocols
- Depth rated to 3000m
- Local isolated analog to digital conversion
- RS232 communication
- RS485 communication
- DDE Link for data supply to third party software

SPECIFICATIONS

CP INTERFACE UNIT

General Technical Specifications

Type		CP Interface Unit
Dimensions w/connector	mm	Ø40x194
Weight in air	g	~1000
Weights in water	g	~900
Temperature Operational (ambient)	ºC	-20 to +50
Temperature Storage	ºC	-40 to +70

Electrical

Supply Voltage	VDC	24VDC (20-28)
Power Consumption	W	~1
Connector for Power & Comms		5507-1508
Connector for CP input		Subconn BCR1504F

Performance

Depth Rating	m	3000
Analog Input Resolution		15bit (0-32767)

Communication

RS232	Kbps	9.6-230.4
RS485	kbps	9.6-230.4

Ordering Part Numbers

Description	Part Number
CP Interface Unit	101830
CP Probe Contact	101833

SPECIFICATIONS

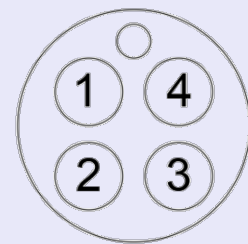## CP INTERFACE UNIT

194

129

Ø40

Face view

3 2 1
6 5 4
8 7
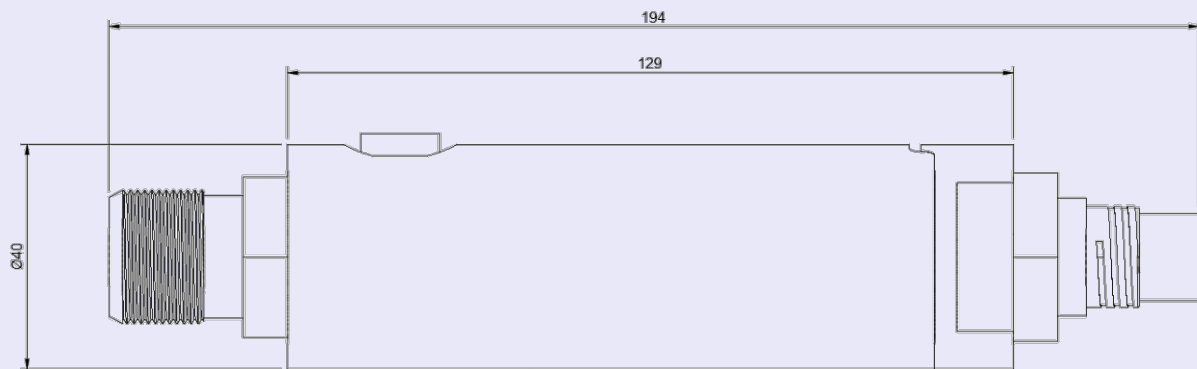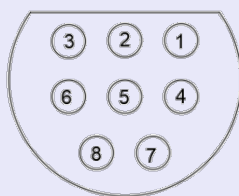
5507-1508 pinout:
1 - 0V
2 - 24VDC
3 - RS485+
4 - RS485-
5 - RS232 TX
6 - RS232 RX
7 - RS232 COM
8 - NC

Face view

1 4
2 3

BCR1504F pinout:
1 - COM
2 - CP1+
3 - CP2+
4 - NC

IXYS