TECHNICAL DATASHEET

TITLE

Camur II µController

DESCRIPTION   This node can control a smal monitoring installation, like a single anode zone
(Cathodic Protection)

PRODUCT IMAGE

PROTECTOR AS

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—AHEAD—   camur   ZEBRA   CASSETTE

1 Description

Camur II µController can replace the standard Camur II Controller in small installations with limited requirements and space. It can be used with the Camur II P4 Quick node to monitor reference electrodes, (like ERE-20) and together with Camur II FixVolt power supply (model 0.1, 3 or 8) when need for Cathodic Protection. Camur II µController is limited to one anode zone and only manual depolarisation measurements.

Configuration, start/stop and data retrieval is handled by the Camur II software running on your Windows computer when it is connected to the USB port on the Camur II µController. This includes settings for monitor recordings and FixVolt output power.

The Camur II µController is equipped with a real time clock, EEPROM memory and its own battery backup. After a power failure, the Camur II µController will resume both monitor recording and output power of any one FixVolt 0.1, 1, 3 or 8 that is connected.

2 Technical Specifications

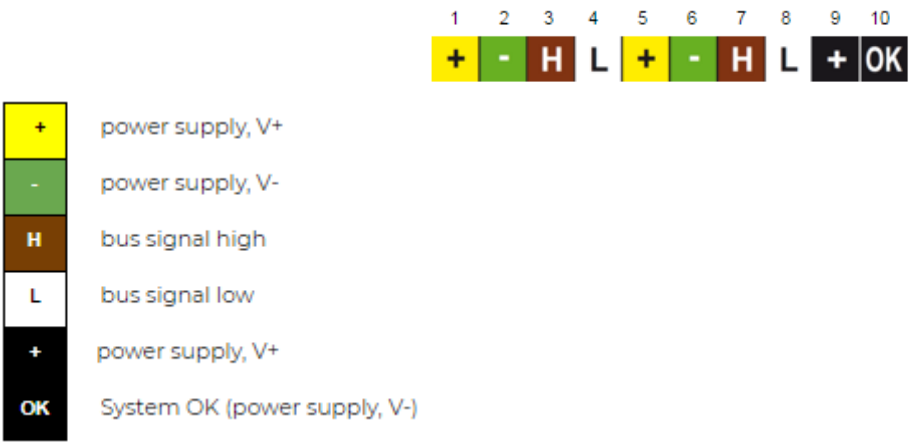|	
Output	1 digital (Power OK)
Memory	14,000 dataset from P4 & FixVolt 1.5 years with sampling every 1 hour
Battery backup	1 pc CR2025 (3 V lithium, Ø20mm)
Ports	USB for PC (config., data retrieval) Camur II Bus (for one Camur II P4 node and one Camur II FixVolt)
Power in	12 … 48 VDC (12 mA at 24 V DC)
Dimensions (WxHxD)	67 x 90 x 34 mm
Weight	135 g

3 LED Indicators

A 24 V LED indicator light can be mounted in between + and OK to verify that the system is running without connecting up to a screen.

System OK: indicates a recording is running and that output (from FixVolt) is OK.

4   Connectors

+	power supply, V+
-	power supply, V-
H	bus signal high
L	bus signal low
+	power supply, V+
OK	System OK (power supply, V-)

5   Recording Types

The µController node supports Camur II software Monitor with recording types:

Monitor only.

6   Annotation

HS export code: 9031 8090

Certification Marks: CE