

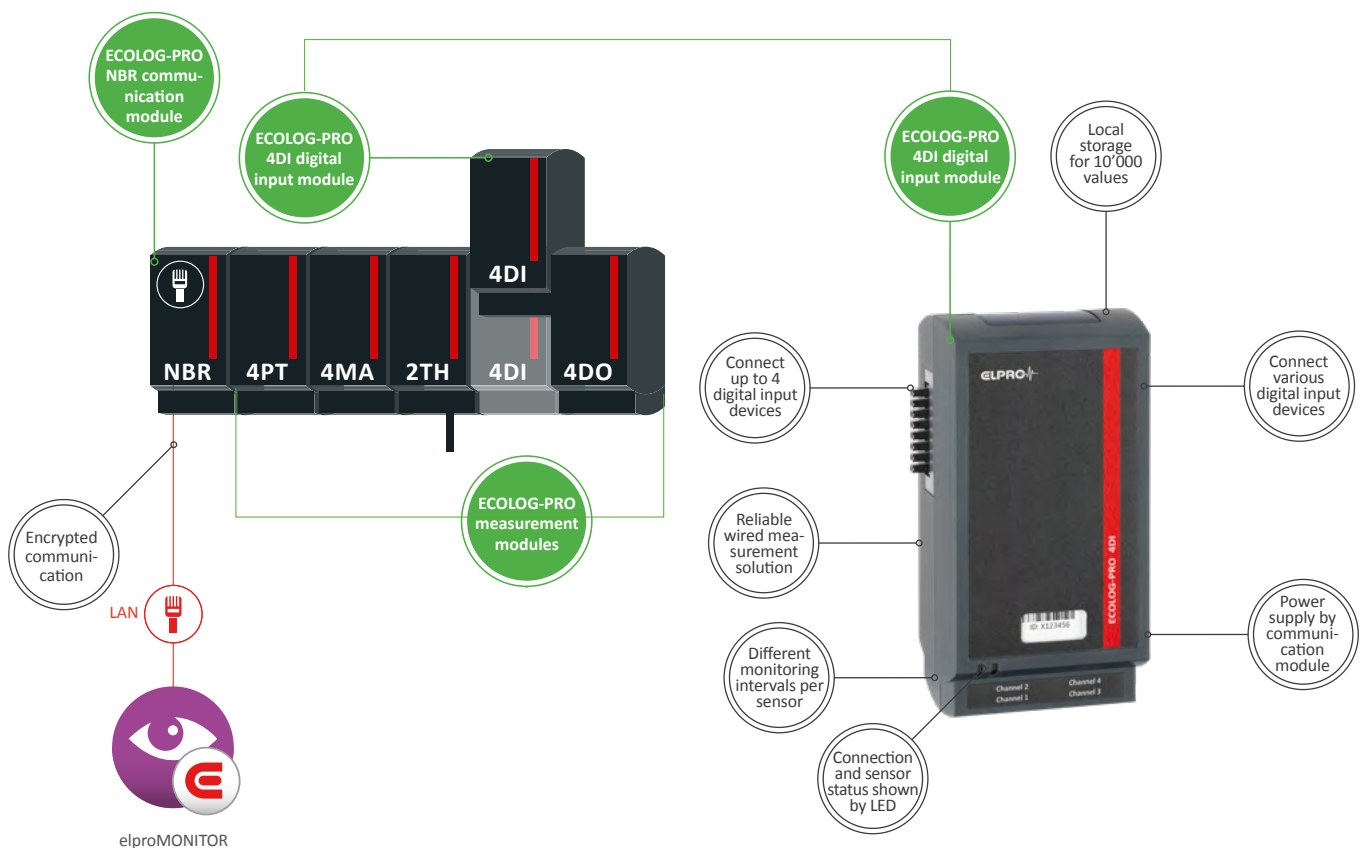


TECHNICAL SPECIFICATIONS

ECOLOG-PRO 4DI

Digital input module for recording complementary data

ECOLOG-PRO 4DI is a flexible and reliable measurement solution for digital inputs for your valuable materials stored in any environment. Up to 4 digital input sensors with individual cable lengths can be connected to the module. The module is connected and powered by the ECOLOG-PRO NBR communication module. A reliable internal storage capacity for thousands of measurements ensures all your valuable data are sent to elproMONITOR even when the connection is lost temporarily. ELPRO's industry-leading software elproMONITOR, integrated into your IT infrastructure and data-base, monitors hundreds or even thousands of monitoring points with wired or wireless sensors.



we prove it.

SWISS QUALITY



- > Monitors your valuable goods in rooms, freezers, ULT-freezers or cryo
- > Connects wired digital input devices
- > Up to 4 digital input devices with different cable lengths
- > Local storage for 10'000 values
- > Power supply by communication module
- > Compatible with elproMONITOR

Technical Specifications ECOLOG-PRO 4DI

Type	Module for wired digital input devices
Application area	Environmental monitoring for any digital input devices (doors, lights, ...)
Type of sensor	4 independent digital input devices
Measurement range	N/A
Measurement accuracy	N/A
Measurement resolution	N/A
Measurement interval	10 minutes
IP protection class	IP20
Environmental storage temperature / humidity	-10 °C..+50 °C 10 %RH..90 %RH, non-condensing
Environmental operating temperature / humidity	0 °C..+40 °C 10 %RH..90 %RH, non-condensing
Operating altitude	This device must not be used at altitudes higher than 2000 meters above sea level.
Power supply	Power supply by communication module (system bus)
Display	2 LED for communication and sensor status
Traceability	ID number (traceable to component level)
Report	Via software (elproMONITOR)
Case dimension	ABS plastic material 137 mm (5.39 inch) × 70 mm (2.76 inch) × 57 mm (2.24 inch)
Certifications conformity	CE RoHS ACMA/RCM
Connection to communication module	Internal system bus (modbus)
Compatible communication module	ECOLOG-PRO LBR / ECOLOG-PRO NBR
Declaration of conformity	https://www.elpro.com/hubfs/fileadmin/Docs/Quality_Documents/DOC-Conformity_ECOLOG-PRO_NBR.pdf