

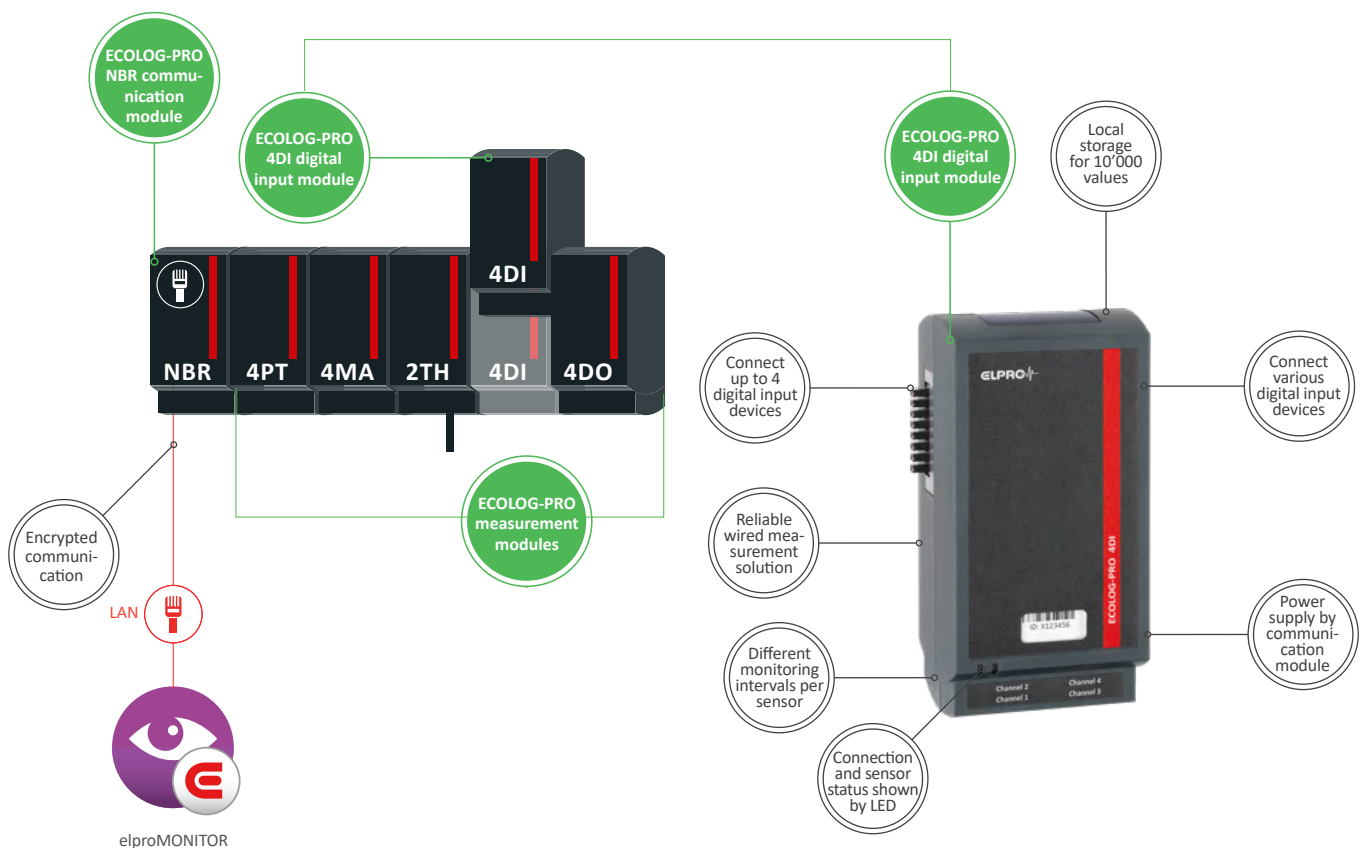


## TECHNICAL SPECIFICATIONS

# 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

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