DATA LOGGER "SYNMET-IND"

for universal landfield applications

METAL MATERIAL

SCIENTIFIC

ROBUST

USB

ETHERNET

Picture without housing cover

The standard in meteorology.

The system's components own intelligence as well as modular upgrades stand for future orientation. A large amount of specific applications can be realized with efficiency. Ease of maintenance, reliability and simple installation are further advantages of this standard logger for highest demands.

► ring buffer for 1 year
► free configurable sensor inputs
► 17 sensor channels
► 43 virtual channels
► able to communicate via Internet with a router *
► LAN integration via Ethernet-Interface *
► Integrated sensor and hardware control
► simultaneous communication with up to 10 users *

meteorological applications • wide range of applications onshore • agricultural meteorology • hydrology

Professional Line	Series (95661) SYNMET-IND	Id-No. 00.95661.600 000

Range of application:	temperatures -30...+70 ºC • humidity 0...100 % r. h.
Accuracy:	depending on parameters and sensors
Resolution:	16 bit-ADC with up to 1024-fold oversampling
Measuring interval:	1 Hz / 2 Hz • average value 1...60 min
Storage:	dyn. organized ring storage for mean and extreme values for 1 year
Inputs:	12 analogue · 5 digital · universal sensor inputs • for Pt100 · voltage · current · frequency · impulse · status · serial sensors
Interfaces:	see versions
Supply voltage:	85...264 V$_{AC}$
Housing/ Weight:	aluminium · 306 x 241 x 220 mm (without sockets) · 8 kg · 20 EMC cable sockets · USV-accumulator · ESD-module · optional with integrated power supply for heated sensors
Standards:	EMC EN 50081/ 82 • ESD protection IEC 61000-4-2/-4-5 • MIL STD 3015.7
Accessories:	sensors · cables · power supplies · modules · modems · software · PC · masts · indicators