



DATA LOGGER "SYNMET-LOG"

for use under rough, industrial conditions

The standard under rough conditions.

The perfect combination of the system's components offers a high degree of flexibility and reliability. The two-piece housing divides high quality electronics and installation. The galvanic separation of the measuring system, remote configuration and diagnosis are representative of a multitude of modern future-proof features.

- ▶ 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 *
- ▶ simultaneous communication with up to 10 users *

rough industrial surroundings • wide range of application on-shore • agricultural meteorology • observational networks



Picture without housing cover



Professional Line	(95665) SYNMET-LOG	Id-No. 00.95665.600 000
Range of application:	temperatures -30...+70 °C • 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:	dynamically 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:	1x RS-232/ 422/ (485 optional on request) • 1 x RS-232	
Supply voltage:	18...32 V _{DC}	
Housing/ Weight:	aluminium • 306 x 241 x 136 mm (without sockets) • approx. 8 kg • 20 EMC-cable sockets	
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	

* Ethernet connection kit required

Further data see separate folder.