![Socomec logo - Innovative Power Solutions]

48540010

Datalogger DATALOG H80

Strong points
- Easy to install
- Connected
- Advanced functions
- Cyber security

General characteristics
- DIN-rail or door mounted.
- Export of data via Ethernet or 4G.
- 64 Go memory.
- Cyber security.

Compliance with standards
- IEC 62974-1
- CE
- FCC

Access to resources (ex: manuals)

https://www.socomec.co.uk/en-gb/reference/48540010

The DATALOG H80 and H81 are industrial rated dataloggers with a high storage capacity that can:
- centralise multiple Socomec measurement systems with an Ethernet connection,
- secure and store measurement data locally,
- provide data to Energy Management and Building Management software by exporting automatically and cyclically to remote servers via secure FTPS or HTTPS protocols,
- use a local Ethernet or 4G networks.

Classification

UNSPSC	39122309
ETIM Class	EC000236
IGCC	5343

Commerce

Effective date	2016-06-21
Country of origin	TW

ETIM - Electrical characteristics

Supply voltage DC [V]	12..12
Voltage type (supply voltage)	DC

ETIM - Mechanical characteristics

Rail mounting possible	No
Wall mounting/direct mounting	No
Front built-in possible	No
Rack-assembly possible	No
Width [mm]	166
Height [mm]	106.6
Depth [mm]	30

ETIM - Technical features

Model	Compact
Number of HW-interfaces industrial Ethernet	2
Number of HW-interfaces USB	3
Supporting protocol for TCP/IP	Yes
Supporting protocol for PROFIBUS	No
Supporting protocol for CAN	No
Supporting protocol for INTERBUS	No
Supporting protocol for ASI	No
Supporting protocol for KNX	No
Supporting protocol for Modbus	Yes
Supporting protocol for Data-Highway	No
Supporting protocol for DeviceNet	No
Supporting protocol for SUCONET	No
Supporting protocol for LON	No
Supporting protocol for PROFINET IO	No
Supporting protocol for PROFINET CBA	No
Supporting protocol for SERCOS	No
Supporting protocol for Foundation Fieldbus	No
Supporting protocol for EtherNet/IP	No
Supporting protocol for AS-Interface Safety at Work	No

Supporting protocol for DeviceNet Safety	No
Supporting protocol for INTERBUS-Safety	No
Supporting protocol for PROFIsafe	No
Supporting protocol for SafetyBUS p	No
Supporting protocol for other bus systems	No
Supporting protocol for DNP3	No
Supporting protocol for IEC 60870	No
Supporting protocol for IEC 61850 Ethernet	No
Radio standard Bluetooth	No
Radio standard WLAN 802.11	No
Radio standard GPRS	No
Radio standard GSM	No
Radio standard UMTS	No
Long-Term Evolution (LTE)	No
IO link master	No
System accessory	No
Redundancy	No
With display	No
Type of memory	FLASH
Memory size [kByte]	80000000
Additional program memory possible	Yes
Suitable for safety functions	Yes
SIL according to IEC 61508	None
Performance level according to EN ISO 13849-1	None
Appendant operation agent (Ex ia)	No
Appendant operation agent (Ex ib)	No
Explosion safety category for gas	None
Explosion safety category for dust	None

Logistics

GTIN/EAN	3596032964825
Customs number	8517620000
Price unit	PC
Weight of the packing unit	1.3
Length of the packing unit	0.25
Width of the packing unit	0.195
Depth of the packing unit	0.18

Technical Characteristics

Communication ports	USB x 3 - HDMI - Ethernet x2 - RS232
Communication protocols	Modbus TCP (client) - FTP(S) data export - HTTP(S) data export and web navigation - SMTP(S) email notifications
Model	Ethernet connectivity
Type	Industrial box PC with embedded energy & power monitoring software
Memory	CFAST Card 64 GB