

SiDis AD 40

Control panel



Applications

- Operator terminal in combination with Sigrist photometers

Industries

- Water
- Beverage and food
- Industrial processes

Advantages

- Intuitive operation via color display with touchscreen
- Optional display of measured values, graphs, status and alarm messages, and device information
- A password protects against unauthorized access
- Display of measurement data over 7 days (depending on the connected photometer)
- Extensive communication options including integrated web server
- Easy installation with Sigrist photometers thanks to plug-and-play connectors
- Easy connection to smartphones for enhanced operation and data visualization

Innovations with real benefits

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Date	Channel	Curr. corr.
23.04.2021 09:11:15	C1 Turb90	0.5 %
23.04.2021 09:11:15	C2 Turb25	-0.7 %

Innovative operation for maximum efficiency

- Modern, intuitive touch-based operating concept
- Control of device recalibration
- Retrievable memory for calibration procedures and error messages
- Warnings and error messages in clear text
- Visually striking color highlighting ensures maximum attention for warnings and error messages
- Operation available in multiple languages

Measurement display at the measurement point

- Easy installation at a highly visible position near the measurement point
- Up to four measurement values can be displayed simultaneously

System integration and built-in security

The SiDis AD 40 offers various data interfaces—from analog outputs to process buses—for continuous process monitoring.

- Permanent access to measurement values and status information
- Integrated limit value monitoring
- Enhanced data security
- Secure smartphone access via web browser



SiDis AD 40 – versatile and easy to combine

Examples:



TurBiScat PM 40 – SO



TurbiGuard AD 40



PhaseGuard ST 40



ColorMeter Ex PM 40
VARINLINE



ColorMeter Ex PM 40
Messzelle



AquaScat S

Excerpt of technical details

Operating voltage	24 VDC ± 10% (PoE communication modules according to standard)
Power consumption	3 W
Weight	approx. 0.4 kg
Dimensions	Ø 105.5 × 71 mm
Protection class	IP66
Housing material	PC/ABS UL94 V0
Touchscreen material	Soda-lime tempered glass
Display	2.4» color touchscreen; 320 × 240 pixels
Ambient temperature	-20 to +60 °C
Communication	Analog outputs, digital I/O, RS485, Profibus, Profinet, Ethernet (PoE)

Full details and
technical data:



SiDis AD 40

Technical data

Operating voltage	24 VDC +/- 10% (PoE communication modules according to standard)
Power consumption	3 W
Weight	approx. 0.4 kg
Protection class	III
Housing material	PC/ABS UL94 V0
Dimensions	Ø 105.5 x 71 mm
Protection type	IP66
Installation location	Indoors
Geographical altitude for operation	2000 m
Ambient temperature	-20 to +60 °C
Storage temperature	-30 to +70 °C
Humidity	0 to 95%, non-condensing
Mounting	Wall mounting 2x Ø 5mm screw
Housing	PC/ABS UL94 V0
Display	2.4» colour touchscreen
Resolution	320 x 240 pixels
Material	Touchscreen: soda-lime tempered glass
Connections	M12 plug connections
Input	1x RS485 for Sigrist photometer
Output Number of communication modules	1
Communication modules EG_IO	6 configurable Inputs/outputs: Max. 2 Digital inputs: 5 ... 28 VDC Max. 4 Digital outputs: High-side switch max. 20 mA Max. 4 Current outputs: 0/4 ... 20 mA, max. 700 ohms Modbus RTU
Communication modules EG_PoE	Ethernet LAN connection with Power over Ethernet: Ethernet according to 10/100BaseT PoE according to 802.3af, class 0
Communication modules EG_Profibus	Profibus DP-V1 slave
Communication modules EG_Profinet	Profinet IO,
Conformity class	B
WLAN module	WLAN according to IEEE 802.11 b/g/n