Sensor Monitoring Unit SMU

CS 1000

CS 1939

CSI-C-11

HY-TRAX®

RBSA

CSM

FCU

MCS

AS

SMU

CTU

EPK

Trouble
Check Plus

HMG2500

HMG4000

ET-100-6

HTB

RFSA

HFS-BC

HFS-15

MFD-BC

MFS, MFD

HY-TRAX®
Retrofit System

MFD-MV

MFS-HV

AMS, AMD

FS

AMFS

KLS, KLD

MCO

AKS, AKD

LSN, LSA, LSW

X Series

OLF Compact

OLF

OLF-P

NxTM

VEU-F

IXU

Triton-A

Triton-E
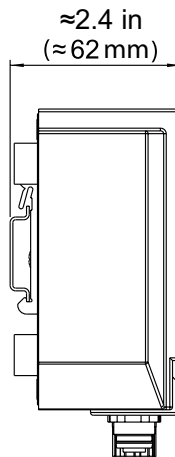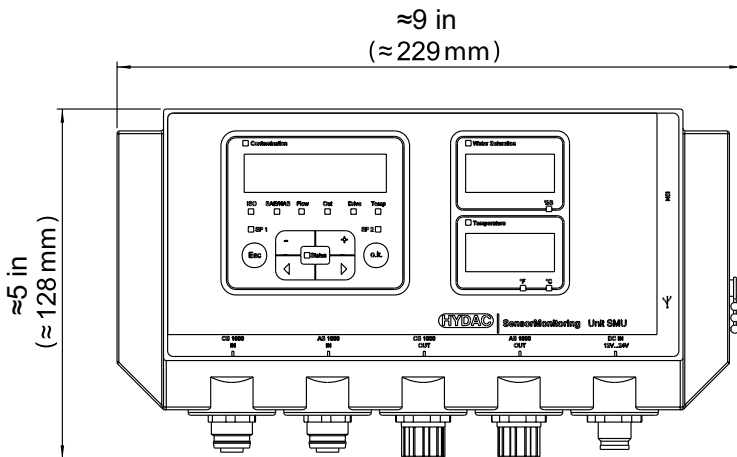
NAV

SVD01

SVD

OXS

Appendix

Features and Benefits

■ Simple installation parallel to the customer system (Sensor Interface for SMU1200, transfer of the sensor's own analog and switching outputs) using the magnetic holder or top hat rails.

■ High protection class IP67. Installation in a switch cabinet is not necessary

■ Plug & Work unit including the 5m connection cable required for direct connection of the sensors (sensor connections via M12x1 male connectors, no programming necessary).

■ Simple keypad operation.

■ Usable with FluMoS Mobile App

■ Download and store measured data in real-time using FluMoS Mobile App via Bluetooth connection

Description

The Sensor Monitoring Unit SMU1200 is a display unit for fluid sensors and is designed to display and store measured data. The following combinations of fluid sensors can be connected directly:

■ Contamination Sensor TCM and water sensor TWS-C

■ Metallic Contamination Sensor TMS and water sensor TWS-C

≈9 in
(≈229 mm)

≈2.4 in
(≈62 mm)

≈5 in
(≈128 mm)

Metric dimensions in ( ).

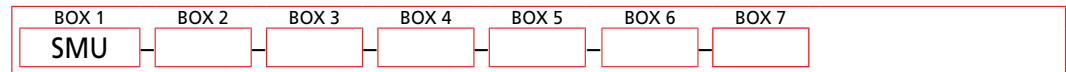# SMU Sensor Monitoring Unit

Specifications

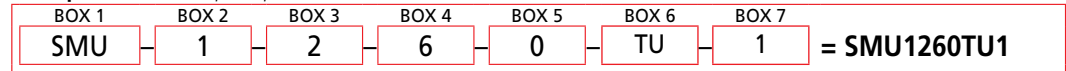|	
Ambient Temperature:	32°F to 131°F (0°C to +55°C)
Self diagnostics:	Continuously with error indication on display
Display:	LED, 6/4/4-digit, each with 17 segments
Topple (according to IEC/EN 60068-2-31):	Drop height 1 in.
Storage temperature range:	-40°F to 176°F (-40 °C to +80°C)
Relative humidity:	Maximum 95%, non-condensing
Weight:	2 lbs.
Electrical data: Supply voltage:	12 ... 24 V DC (±10%) The SMU must not be used with vehicle supply systems without load dump protection of maximum 30 V DC.
Residual ripple:	≤ 5 %
Power consumption:	15 Watt, 1.25 A max.
Accuracy of the real-time clock:	± 5 s/day / ± 0.5 h/year
Clock buffer:	≈ 20 years
Protection rating:	III (safety extra-low voltage)
Protection class:	IP 67
USB Master port:	USB Type A
HSI:	1-wire half duplex
Ethernet interface:	10 Base-T / 100 Base-Tx

We do not guarantee the accuracy or completeness of this information. The information is based on average working conditions. For exceptional operating conditions please contact our technical department. All details are subject to technical changes.

Model Number Selection

How to Build a Valid Model Number for a Schroeder SMU:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7
SMU						

Example: *NOTE: One option per box*

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	
SMU	1	2	6	0	TU	1	= SMU1260TU1

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
Model	**Model**	**Data Input**	**Interface**	**Application**
SMU	1 = 1000 Series	2 = Digital	6 = HSI + USB Master	0 = Standard

BOX 6	BOX 7
Supply Voltage	**Data Input**
TU = 12 to 24V DC	1 = TCM & TWS-C
	2 = TMS & TWS-C

What's Included

- 1 SMU 1200 series
- 1 USB memory stick
- 1 connection cable 5 pole with flying leads for power supply, L = 5m
- 2 connection cables appropriate for the sensor combination, L = 5m
- 1 FluMoS Light CD
- 1 Operating manual
- DIN rail, 7.5" long.

Available Accessories

- Power supply PS5, 100-240 V AC / 50-60 Hz / 1.1 A 24 V DC / 1000 mA, Cable length = 1.8 m, Part no.: 3399939