

Display Unit and Data Logger

LubMon Visu

Continuous Oil Condition Monitoring



LubMon Visu

Description

Application area

LubMon Visu is a display unit, suitable for panel-mounting, with integrated data memory for connection of various sensors. ARGO-HYTOS offers a wide range of compatible sensors for monitoring of hydraulic and lubricating fluids. These are amongst others particle monitors, temperature, humidity and oil aging sensors as well as sensors for monitoring of the filter lifetime. Furthermore, any sensor with analogue current output may be connected e. g. for pressure or filter monitoring.

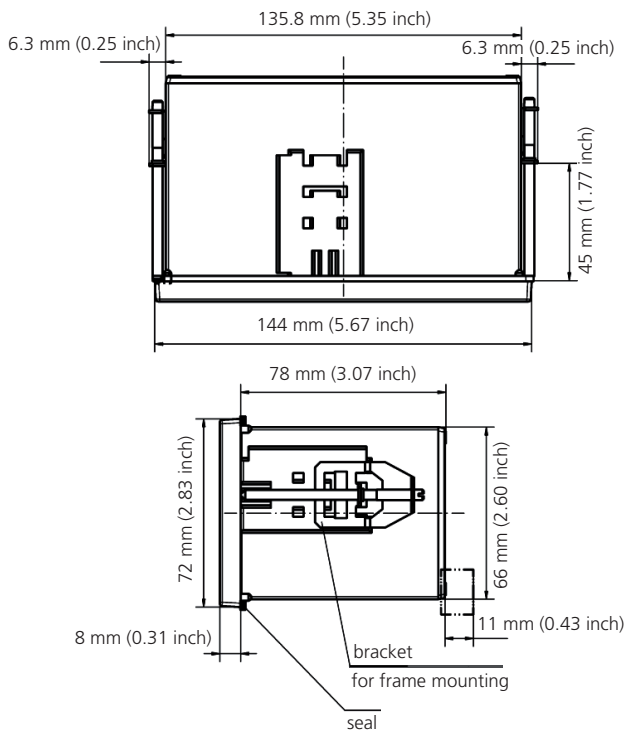
Performance features

Two sensors with serial interface as well as two sensors with analogue interface may additionally be attached to the LubMon Visu. The recorded measured values are collected in the data memory and may be copied onto a SD-memory card if desired. By means of the integrated display, the current measured values as well as the stored data may be indicated with timestamp. Navigation through the data and the operating menu is carried out over six keys at the front side of the module. Besides of the graphical display, alarms and status information are shown by four LEDs.

Communication with a processor or a SPS is effected by USB 2.0 or optionally by Ethernet. In order to activate the switch signals, there are also three potential-free switch contacts available. Optionally the printer, listed under accessories, may be connected to the module.

Design characteristics

LubMon Visu is designed for panel-mounting. Cabling is effected by the plug at the back side of the device. The sensors are supplied with power by the connecting plugs also.



Dimensions

Technical data

Module data	Size	Unit
<i>Power supply</i>		
Voltage	9 ... 33	VDC
Power input	typ. 100 max. 300	mA mA
<i>Ambient conditions</i>		
Temperature, operation	0 ... +60 (-32 ... +140	°C °F)
Temperature, storing	0 ... +60 (-32 ... +140	°C °F)
Humidity, operation	0 ... 95	%
Humidity, storing	0 ... 95	%
<i>Connections</i>		
RJ45 ¹	1x	
8-pole switch contact, provided with a thread	3x	
USB-B	1x	
SD-card slot	1x	
<i>Operation</i>		
Membrane keyboard	6	keys
<i>Display</i>		
Graphical display	128 x 32	pixel
Brightness	adjustable	

¹ Only available with Ethernet version

Order code

LubMon Visu, standard	SCSO 900-1000
LubMon Visu, Ethernet	SCSO 900-1010

Compatible sensors

LubCos H ₂ O	SCSO 300-1000
LubCos H ₂ O+ II	SCSO 100-1010
LubCos Level 200	SCSO 150-1200
LubCos Level 375	SCSO 150-1375
LubCos Level 615	SCSO 150-1615
OPCom	SPCO 300-1000
FerroS	SPCO 500-1000

Accessories

Connecting plug	SCSO 900-5010
Data cable with open ends, 5 m (16 ft) length	SCSO 100-5020
USB-SD card reader	SCSO 900-5040
SD-card	SCSO 900-5050
Compatible thermal printer	SCSO 900-5070
USB cable	SCSO 900-5060
Retaining clips	SCSO 900-5030