



HYDAC INTERNATIONAL

Filter System Area / 過濾系統領域

HYDAC FILTER SYSTEMS

油污染度檢測儀模組CSM E (經濟型) + 有線/無線通訊介面

ConditionSensor Interface

CSI-C-11 搭載FluMoS / FluMoS mobile，其檢測數值可以透過無線顯示在行動裝置上，如手機、平板、筆電或是PC。



CSI-C-11
有線/無線通訊介面

ConditionSensor Interface CSI-C-11
with
ContaminationSensor Module Economy
CSM E

CSM E
油污染度檢測儀



Description

The ConditionSensor Interface CSI-C-11 is used to transmit digital sensor signals (HYDAC Sensor Interface HSI) into a network protocol (HSI TCP/IP or Modbus[®] TCP), which can be transmitted to a stationary (i.e. PC) or mobile device (i.e. smartphone) via network cable (LAN) or wireless connection (W-LAN). Moreover, the CSI-C-11 is equipped with an internal memory and can be used as a data logger.

At the interface module, up to two sensors can be connected via M12 connector and supplied with power. In addition, the CSI-C-11 is equipped with an Ethernet connector (M12x1 socket), which allows the integration of connected sensors into company networks or superior condition monitoring (CM) and control systems (PLC). The CSI-C-11 serves as a supplement to the HYDAC ContaminationSensor Module CSM Economy. Thanks to its integrated mounting plate (for wall mounting, for example), it can also be used independently of the CSM Economy

Your advantages

- 2 input channels for HYDAC SMART sensors
- Direct connection of the sensors via M12x1 connectors
- Network connection via M12 connector
- Wireless transmission and visualization of the measured values via W-LAN and FluMoS / FluMoS mobile
- Storage of the measured data directly on the CSI-C-11 (data logger)
- Wireless parameterisation of the interface via W-LAN and FluMoS mobile
- Integrated mounting plate for wall fastening or directly on the HYDAC CSM-E
- Due to a high protection class of IP 66 no switch cabinet for installation required

Your advantages



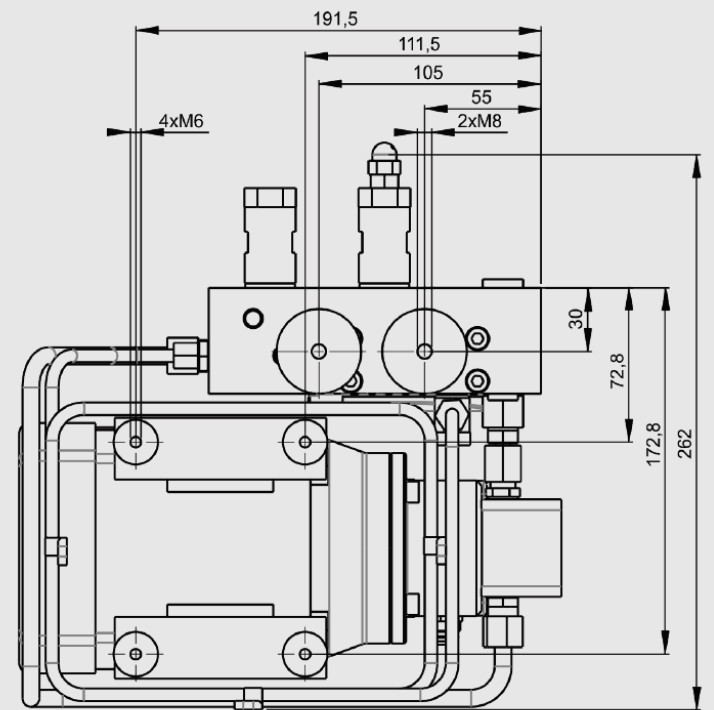
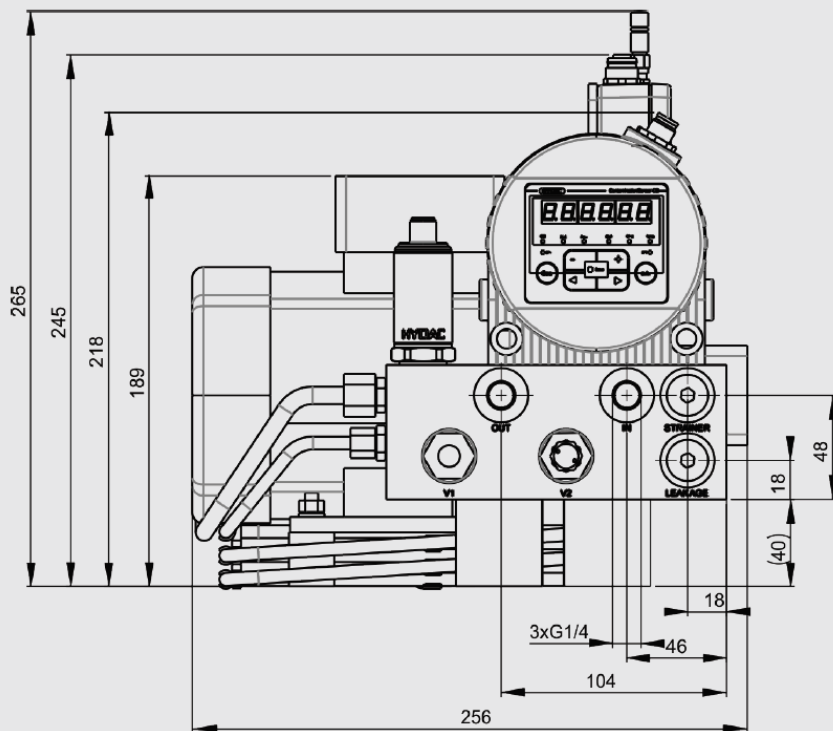
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CSM E + CSI-C-11

油污染度檢測儀模組CSM E（經濟型）+ 有線/無線通訊介面



CSM-E with CS1000, AS1000 and CSI-C-11



All dimensions in mm

(Scope of delivery without sensors)

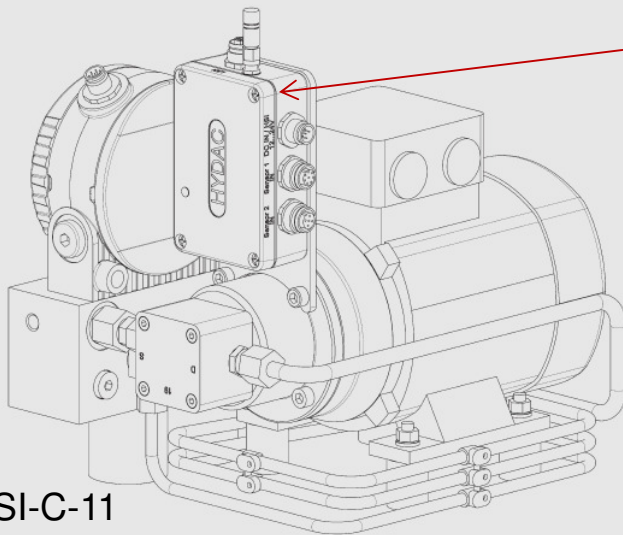


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CSM E + CSI-C-11

搭載FluMoS / FluMoS mobile，其檢測數值可以透過無線顯示在行動裝置上，如手機、平板、筆電或是PC。

Example of use:
HYDAC ContaminationSensor Module CSM Economy



CSM E + CSI-C-11



HSI sensor 2.

HSI sensor 1.

DC Power

LAN

ConditionSensor Interface CSI-C-11

Input data

HSI interface

HYDAC Sensor Interface
for digital coupling of sensors

Output data

Ethernet

10 Base-T / 100 Base-TX

W-LAN (HSI only)

2,4 GHz, IEEE 802.11 b/g/n

Protocol:

– HSI TCP/IP (Port 49322)

– Modbus® TCP (Port 502)





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FluidMonitoring Software

FluMoS expert 流體品質監控軟體FluMoS (專家版)

HYDAC Filter
Systems



Description

The FluidMonitoring software FluMoS expert is a component part of the HYDAC MCMS 2000 system condition monitoring solution and is intended for the user-oriented (trend) display, correlation and analysis of the measured data of connected sensors. Worthy of particular note is the central administration of several HYDAC MCMS 2000 in one software application. Thus, for example, power units can be compared with one another with respect to productivity and energy efficiency, not only within a production site but also globally. In addition to online and offline-based display of measured data, FluMoS expert also permits the import of historical data and the export of current data sets. Finally, FluMoS expert has an the optionally available expert and application modules (apps) for application-oriented localization and analysis of impending damage or its early avoidance (proactively).

Your benefits

- Tabular and graphic online/offline display of the measured values on a PC
- Individualized user operating interface thanks to freely configurable dashboards
- Worldwide condition monitoring and productivity comparison of multiple systems and machines in only one software application
- Automatic storage of the files on a local database server/PC or on other servers/PCs and/or in a cloud
- Several users can access one MCMS simultaneously thanks to server-client architecture
- Export of stored files e.g. in Microsoft EXCEL format
- Expansion of the range of analysis (cause analysis) thanks to optional software modules or apps (expert and applications modules)



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CSM E + CSI-C-11

特色重點+應用領域

- 1.插拔模式Plug & Play**
- 2.經濟版油污染度偵測儀CSM-E**
- 3.可以搭配CSI-C-11 Condition Sensor Interface**
- 4.監控軟體FluMoS / FluMoS Mobile**
- 5.連結CS & AS HSI smart sensor，CSI-C-11 記錄資料，可有線LAN / 無線W-LAN傳輸偵測數值。**
- 6.Ethernet Connector /數位介面可以連結系統（Condition Monitoring / PLC）**
- 7.防護等級IP 66**
- 8.搭配油箱的插拔設計，可以隨時進行油污染度監控。**
- 9.可客製化成行動裝置(搭配油品容器)，進行服務端的油污染度檢測或是監控。**



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~ END ~

相關參考請上 www.hydac.com.tw
Refer to the website www.hydac.com.tw for detail.