



ConditionSensor Interface CSI-D-5

Description

The ConditionSensor Interface CSI-D-5 is a unit in the HYDAC Condition Monitoring concept which connects the sensor level with the interpretation level. The fluid sensors ContaminationSensor CS 1000 and the MetallicContamination Sensor MCS 1000 supply an HSI signal via the RS485 port, which is converted by the CSI-D-5 to USB. This ensures simple connection to the PC.

The measured values can be read with the aid of the PC software FluMoS.

Special features

- Direct connection of the CS 1000 or MCS 1000 sensors
- Very compact design
- Kit includes all accessories required to read the measured values

Technical specifications

Input data	
RS485 interface	HYDAC Sensor Interface (HSI) protocol - male M12x1, 8-pole to DIN VDE 0627
Output data	
USB (B) interface	HSI Protocol
Ambient conditions	
Operating temperature range	-25 ... +75°C
Storage temperature range	-25 ... +80°C
Relative humidity	0 ... 95%, non-condensing
CE mark	EN 61000-6-2, EN 61000-6-4
Protection class to DIN 40050	IP 40
Other data	
Supply voltage of the module	12 V DC ± 10%
Current consumption (module)	50 mA (in addition to the connected sensor)
Sensor supply	12 V DC (through the CSI)
Electrical connection	
Cross-section of connection	max. 1.5 mm ²
USB	B
Dimensions and weight	
Dimensions	150 x 108 x 47 mm
Housing	Desk-top
Weight	≈ 350 g

Model code

CSI - D - 5 - 000

Product series

CSI = ConditionSensor Interface

Housing

D = Desktop

Output type

5 = HSI → USB

Modification

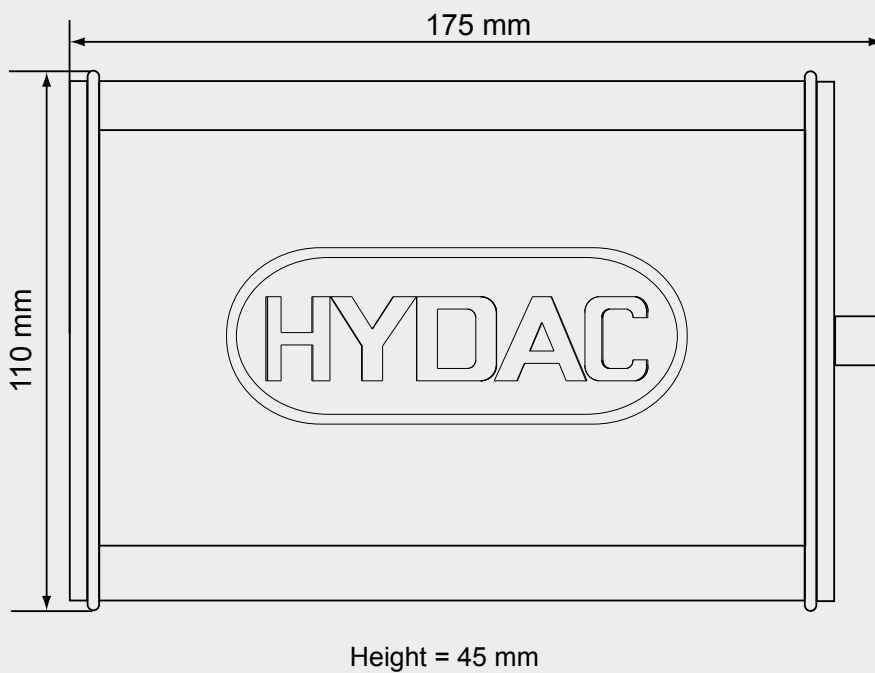
000 = Standard

CSI-D-5 KIT

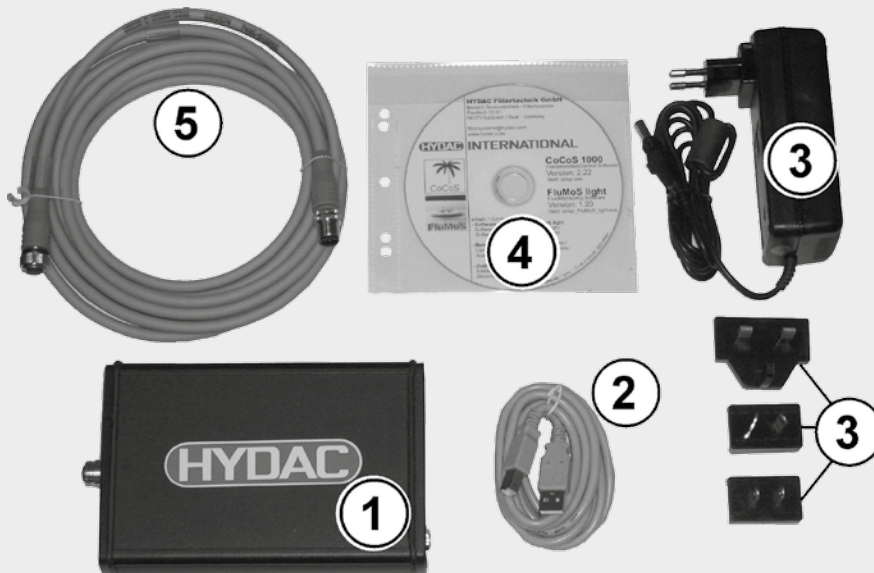
CSI-D-5 Kit (3249563) consisting of:

1 x	CSI-D-5
1 x	Power supply PS7
1 x	USB A <-> B connecting cable, L = 1.8 m
1 x	Extension/connection cable, L = 5 m ZBE 43-05
1 x	CD "FluMoS Light"

Dimensions



CSI-D-5, items supplied



Note

The information in this brochure relates to the operating conditions and applications described.

For applications and operating conditions not described, please contact the relevant technical department.

Subject to technical modifications.

HYDAC FILTER SYSTEMS GMBH

Justus-von-Liebig-Straße

D-66280 Sulzbach / Saar

Tel.: +49 (0) 6897/509-01

Fax: +49 (0) 6897/509-9046

Internet: www.hydac.com

E-Mail: filtersystems@hydac.com