



## Condition Sensor Interface CSI-D-5

### Description

The Condition Sensor 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 Contamination Sensor CS 1000 and the Metallic Contamination 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

<b>Input data</b>	
RS485 interface	HYDAC Sensor Interface (HSI) protocol - male M12x1, 8-pole to DIN VDE 0627
<b>Output data</b>	
USB (B) interface	HSI Protocol
<b>Ambient conditions</b>	
Operating temperature range	-25 to +75°C
Storage temperature range	-25 to +80°C
Relative humidity	0 to 95%, non-condensing
CE mark	EN 61000-6-2, EN 61000-6-4
Protection class to DIN 40050	IP 40
<b>Other data</b>	
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)
<b>Electrical connection</b>	
Cross-section of connection	max. 1.5 mm <sup>2</sup>
USB	B
<b>Dimensions and weight</b>	
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 = Desk-top

### Output type

5 = HSI → USB

### Modification

000 = Standard

## CSI-D-5 KIT

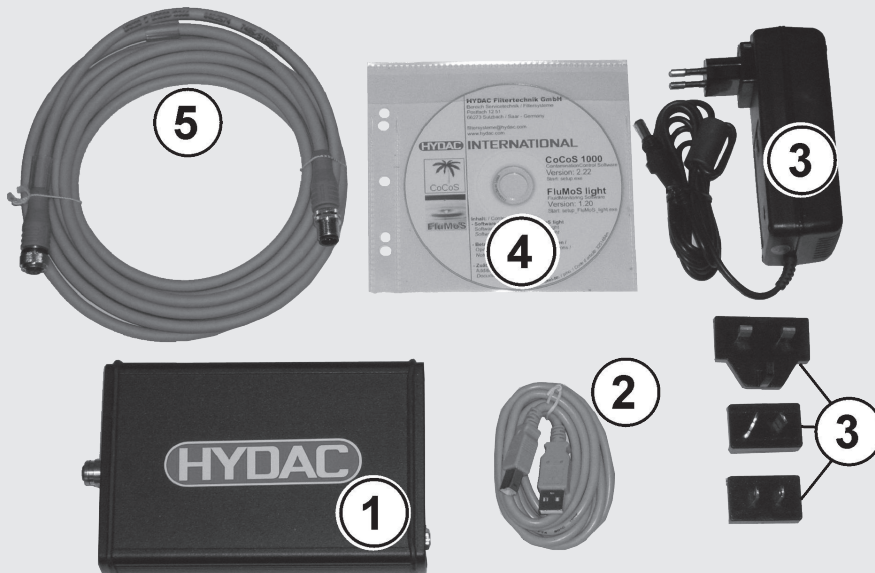
### CSI-D-5 Kit (3249563) consisting of:

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.

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