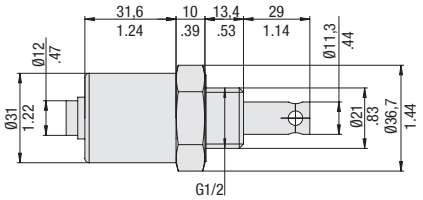
C

Oil Condition Sensor ▪ Type OCS-I-M-B08-M16



Product Description

The Oil Condition Sensor OCS is designed for continuous monitoring of hydraulic systems. Permanently installed in the system the OCS sensor monitors the condition of hydraulic fluids and lubricating oils in real time, whereby water ingress and oxidation can be detected in time. The OCS sensor is 60 times more sensitive than dielectric sensors on increasing contamination and protects the system from cost-intensive downtimes and reduces machine downtimes.

Features

- Robust construction
- Usage under extreme conditions with temperatures from -20 °C to +120 °C / -4 °F to +248 °F
- Suitable for use at operating pressures up to 20 bar / 290 PSI

Order Code

OCS-I-M-B08-M16

① Series

Oil Condition Sensor (only)	**OCS-I-M-B08-M16**

Technical Data

Materials
- Stainless Steel (corrosion-resistant Steel) AISI304, 1.4301

Dimensions
- 90 x 37 mm / 3.54 x 1.46 in

Weight
- 160 g / .35 lbs

Sealing Material
- FKM (Viton®)

Max. Burst Pressure
- 20 bar / 290 PSI

Media Temperature
- -20 °C ... +120 °C / -4 °F ... +248 °F

Media Compatibility
- Mineral and Synthetic Oil
  (Please contact STAUFF for other fluids)

Process Connection
- G1/2

Electrical Connection
- 6-pin connection plug

Power Supply
- 9 ... 30 V DC

Analog Output
- 4 ... 20 mA

Computer Interface
- RS485

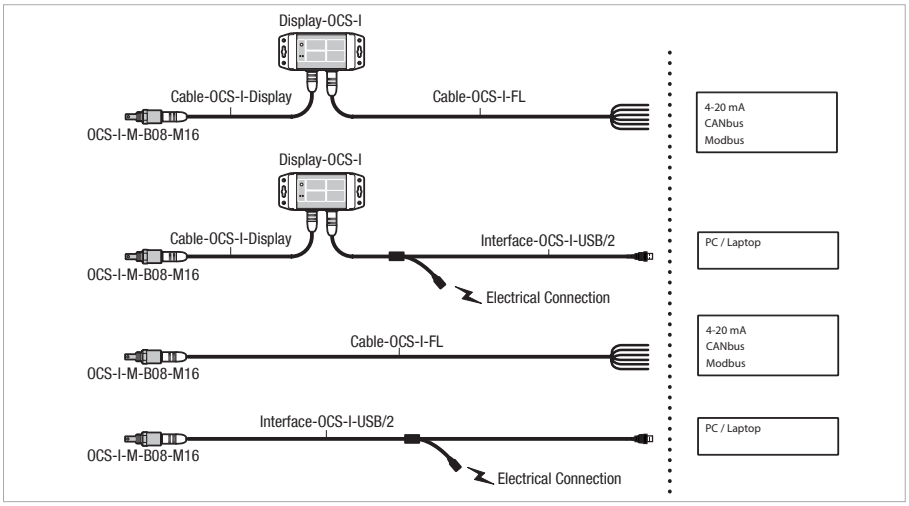
Protection Rating
- IP67

USB Interface ▪ Type Interface-OCS-I-USB

Product Description

The OCS sensor respectively the Display-OCS-I can be connected to a PC or laptop using the Interface-OCS-I-USB. It allows you to download the measured data and to carry out programming using the supplied software.

The Interface-OCS-I-USB was not designed for a permanent operating and should be used for programming the OCS sensor respectively download the measured data from the Display-OCS-I only.



Order Code

Cable-OCS-I-Display

① Series

Connection Cable	**Cable-OCS-I-Display**

Order Code

Interface-OCS-I-USB/2

① Series

Connection Cable	**Interface-OCS-I-USB/2**

Order Code

Cable-OCS-I-FL

① Series

Connection Cable	**Cable-OCS-I-FL**