

# Declaration of Quality



## VisiFerm DO ECS 120 H2

Reference number:	243666-212/01
Serial number:	1416
Lot number:	1778614
Communication Protocol:	Modbus RTU
Firmware:	ODOUM043
Maximum measuring value (25°C):	300 %-sat
Detection limit (25°C):	better than 0.05 %-sat
Pressure range:	max. 12 bar / 174 psig (relative)
Operating temperature range:	-10 - 140 °C / 14 - 284 °F
Measuring temperature range:	0 - 85 °C / 32 - 185 °F

### Factory settings

Analog output:	ECS
Current in zero oxygen (0 %-vol / 0 %-sat):	0 nA
Current in air (100 %-sat):	60 nA
Temperature coefficient ECS:	3.1 %/K
Moving average (samples per average):	automatic

Digital interface (RS 485)	
Baud rate:	19200 Bd
Device address:	1

The parts in contact with the measuring sample (wetted parts) are made of:

Shaft and Cap:	Stainless Steel 316L / DIN 1.4435, EN 10204 / 3.1 certified, surface quality better than N5 / Ra = 0.4 µm.
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O-rings:	EPDM 75.5/KW75F, meets the regulations of the FDA, CFR 21.177.2600 and 21.177.1520, USP class VI compliant.
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Sensor Elastomer:	Protective Layer USP87, USP class VI 121°C according USP88
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Material certificates can be downloaded at <http://www.hamiltoncompany.com/Sensors>.

A change of the measurement values above during storage, use and when replacing the Sensor Cap is a normal behavior.

Passed Quality Control: 2018-01-05

This declaration is generated automatically and is valid without signature.