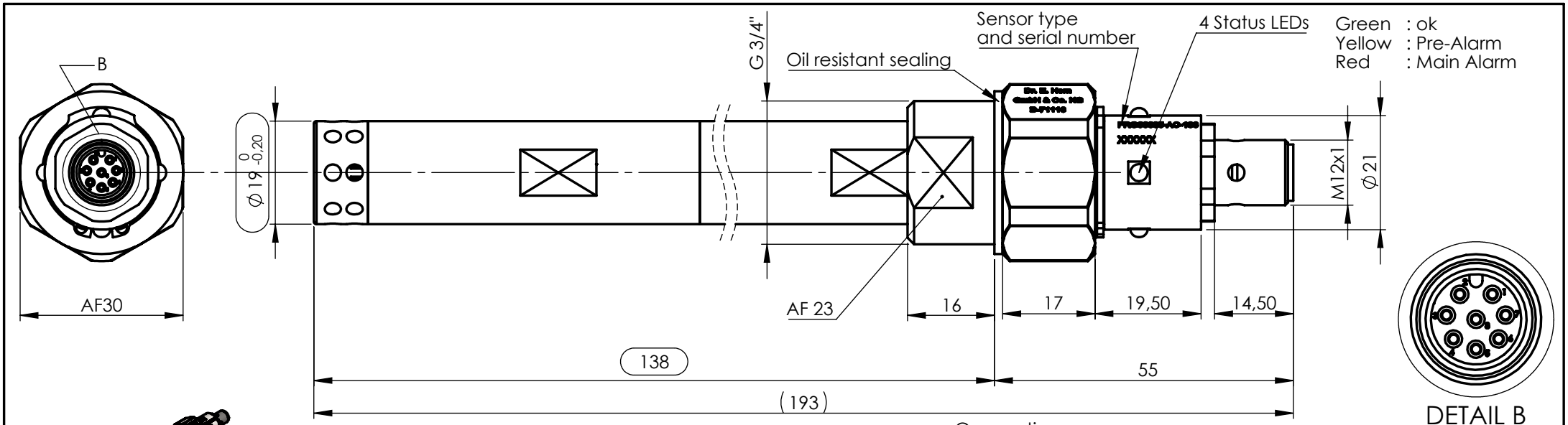
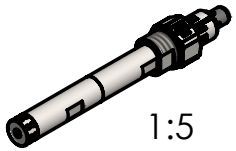
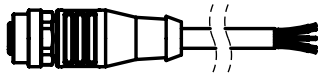




1:5



1:2

Maiting connector available:

Connector	Cable length (m)
KSG03258-15	15
KSG03258-20	20
KSG03258-25	25
KSG03258-30	30

Connection:

Sensor connector	Maiting connector	Output
Pin 1	WH	+24 VDC
Pin 2	BN	Aout 1-
Pin 3	GN	0 V
Pin 4	YE	Aout 2-
Pin 5	GY	Binary 1
Pin 6	PK	Binary 2
Pin 7	BU	Aout 2+
Pin 8	RD	Aout 1+

ⓑ

Output	Function	Value
Aout	Current loop	4...20 mA
Aout 1	Relative humidity	0...100 %
Aout 2	Temperature	0...100 °C
Binary 1	Pre-Alarm	High/Low
Binary 2	Main Alarm	High/Low

Binary output behavior:

	Water activity		
	...< PAV	PAV<...<MAV	MAV<...
Pre-Alarm output	High	Low	Low
Main Alarm output	High	High	Low

Technical data:

Power supply	+24 VDC
Current consumption	< 50 mA
Rload Aout	max. 500 Ω ⓐ
Wrong Polarity Protection	yes
Short Circuit Protection SCP	yes
Pre-Alarm Value (PAV)	0,5 aw
Main Alarm Value (MAV)	0,9 aw
Operating temperature	-25...+85 °C
Protection class (outside oil pipe)	IP 68 DIN EN 60529
Pressure resistance	10 bar
Housing material	stainless steel

Technische Änderungen am Fremd-/Kaufteilen nur durch vorherige Genehmigung.
Technical modifications to third party or purchased parts require our prior permission.

Freimaßtoleranzen nach DIN2768m
General Tolerance acc. DIN 2768m

Oberflächen-angaben nach DIN 1302
Surface Specification acc. DIN 1302

Form- und Lage- Toleranz nach DIN 1101
Geometric Tolerance per DIN 1101

metrisch/metric

	Datum/Date	Name
Erstellt Constr.	21.05.2021	Ghazouani
Geprüft Verified	21.05.2021	Vollmer

b	Output updated	23.09.2021	Ghazouan
a	Rload value added	12.08.2021	Ghazouan
	Änderung/Revision	Datum/Date	Name

Dr. E. Horn GmbH & Co. KG
D-71116 Gaertringen
Germany

CAD.: FRG00035-AC-138

Maßstab/Scale 1:1

Werkstoff/Material:

Halbzeug/Semifinished:

Water in oil sensor with 2x 4...20 mA + 2x binary outputs

FRG00035-AC-138-85

A4

Blatt/Sheet 1