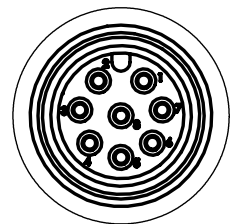
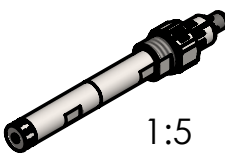


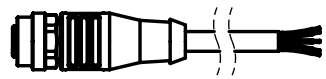
Green : ok  
 Yellow : Pre-Alarm  
 Red : Main Alarm



DETAIL B  
2:1



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.

<b>Alle Rechte vorbehalten. Dokument darf ohne Zustimmung weder vervielfältigt, noch Dritten zugänglich gemacht, noch in anderer Weise missbräuchlich verwendet werden. Schutzvermerk ISO 16016 ist gültig.</b>		Freimaßtoleranzen nach DIN 2768m General Tolerance acc. DIN 2768m	Oberflächenangaben nach DIN 1302 Surface Specification acc. DIN 1302	Maßstab/Scale 1:1
<b>All rights reserved. Document may not be reproduced or disclosed to a third party or used for any other purpose without our written consent - Protection notice ISO 16016 is valid.</b>		Form- und Lage-Toleranz nach DIN 1101 Geometric Tolerance per DIN 1101	metrisch/metric	Werkstoff/Material: Halbzeug/Semifinished:
	Datum/Date	Name		<b>Water in oil sensor with 2x 4...20 mA + 2x binary outputs</b>
Erstellt Constr.	21.05.2021	Ghazouani		
Geprüft Verified	21.05.2021	Vollmer		
b	Output updated	23.09.2021	Ghazouan	<b>FRG00035-AC-138-85</b>
a	Rload value added	12.08.2021	Ghazouan	
Änderung/Revision		Datum/Date	Name	Dr. E. Horn GmbH & Co. KG D-71116 Gaertringen Germany
				A4 Blatt 1 Sheet
CAD.: FRG00035-AC-138				