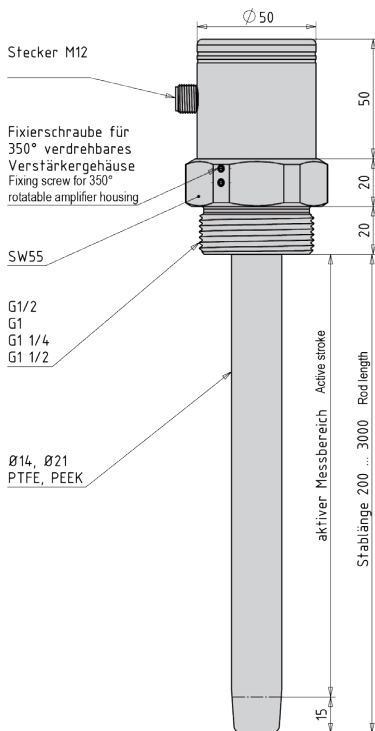
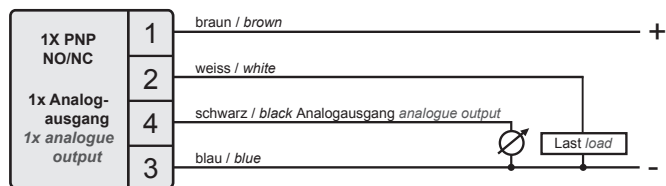


KOMPAKTSONDE CAT-...-XXG#/VA-214

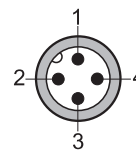
COMPACT PROBE CAT-...-XXG#/VA-214



Anschlussbelegung Connection Diagram



Stecker M12 Connector M12



Technische Daten bei 24 V und 20 °C Technical data at 24 V and 20 °C

Anschluss Connection	Stecker M12 M12 connector												
Betriebsspannung Supply voltage	DC 24 V (20...30 V)												
Stromaufnahme Current consumption	Max. 80 mA												
Analogausgang Analogue output	<table border="0"> <tr> <td>0...10 V</td> <td>R_L = min. 500 Ω</td> <td>0...10 V</td> <td>RL = min. 500 Ω</td> </tr> <tr> <td>0...20 mA</td> <td>R_L = max. 500 Ω</td> <td>0...20 mA</td> <td>RL = max. 500 Ω</td> </tr> <tr> <td>4...20 mA</td> <td>R_L = max. 500 Ω</td> <td>4...20 mA</td> <td>RL = max. 500 Ω</td> </tr> </table> <p>Kurzschlussfest, verpolsicher Short-circuit proof, reverse polarity protection</p>	0...10 V	R _L = min. 500 Ω	0...10 V	RL = min. 500 Ω	0...20 mA	R _L = max. 500 Ω	0...20 mA	RL = max. 500 Ω	4...20 mA	R _L = max. 500 Ω	4...20 mA	RL = max. 500 Ω
0...10 V	R _L = min. 500 Ω	0...10 V	RL = min. 500 Ω										
0...20 mA	R _L = max. 500 Ω	0...20 mA	RL = max. 500 Ω										
4...20 mA	R _L = max. 500 Ω	4...20 mA	RL = max. 500 Ω										
Schaltausgang Switching output	PNP, NO/NC umschaltbar PNP, NO/NC switchable												
Laststrom Load current	Max. 200 mA, kurzschlussfest Max. 200 mA, short-circuit proof												
Schaltpunktlage Switching point position	Zwischen 5% und 95% einstellbar Adjustable between 5% and 95%												
Messgenauigkeit Measuring accuracy	± 3% vom Messbereichsendwert ± 3% of the upper limit of the effective range												
Wiederholgenauigkeit Repeat accuracy	± 1% vom Messbereichsendwert ± 1% of the upper limit of the effective range												
Schutzgrad Degree of protection	IP 67, wasserdicht IP67, waterproof												
Temperaturbereich Temperature range	<table border="0"> <tr> <td>Umgebung</td> <td>0...+60 °C</td> <td>Environment</td> <td>0...+60 °C</td> </tr> <tr> <td>Medium</td> <td>0...+70 °C</td> <td>Medium</td> <td>0...+70 °C</td> </tr> <tr> <td>Lager</td> <td>-25...+80 °C</td> <td>Storage</td> <td>-25...+80 °C</td> </tr> </table>	Umgebung	0...+60 °C	Environment	0...+60 °C	Medium	0...+70 °C	Medium	0...+70 °C	Lager	-25...+80 °C	Storage	-25...+80 °C
Umgebung	0...+60 °C	Environment	0...+60 °C										
Medium	0...+70 °C	Medium	0...+70 °C										
Lager	-25...+80 °C	Storage	-25...+80 °C										
Druckfestigkeit Compressive strength	3 bar (option: 10 bar) 3 bar (option: 10 bar)												
DK-Medium Dielectric constant medium	>1,8 (Dielektrizitätskonstante Er) >1.8 (dielectric constant Er)												