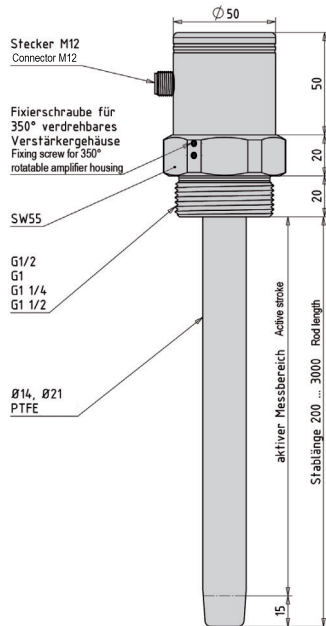
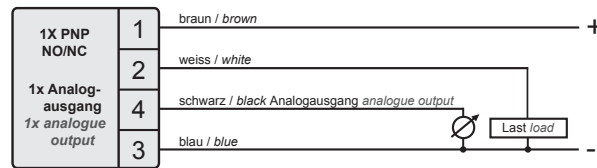


KOMPAKTSONDE CAT-_-G_/VA-214/VST

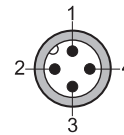
COMPACT PROBE CAT-_-G_/VA-214/VST



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>$R_L = \text{min. } 500 \Omega$</td> <td>0...10 V</td> <td>$RL = \text{min. } 500 \Omega$</td> </tr> <tr> <td>0...20 mA</td> <td>$R_L = \text{max. } 500 \Omega$</td> <td>0...20 mA</td> <td>$RL = \text{max. } 500 \Omega$</td> </tr> <tr> <td>4...20 mA</td> <td>$R_L = \text{max. } 500 \Omega$</td> <td>4...20 mA</td> <td>$RL = \text{max. } 500 \Omega$</td> </tr> </table> Kurzschlussfest, verpolsicher Short-circuit proof, reverse polarity protection	0...10 V	$R_L = \text{min. } 500 \Omega$	0...10 V	$RL = \text{min. } 500 \Omega$	0...20 mA	$R_L = \text{max. } 500 \Omega$	0...20 mA	$RL = \text{max. } 500 \Omega$	4...20 mA	$R_L = \text{max. } 500 \Omega$	4...20 mA	$RL = \text{max. } 500 \Omega$
0...10 V	$R_L = \text{min. } 500 \Omega$	0...10 V	$RL = \text{min. } 500 \Omega$										
0...20 mA	$R_L = \text{max. } 500 \Omega$	0...20 mA	$RL = \text{max. } 500 \Omega$										
4...20 mA	$R_L = \text{max. } 500 \Omega$	4...20 mA	$RL = \text{max. } 500 \Omega$										
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	$\pm 3\%$ vom Messbereichsendwert $\pm 3\%$ of the upper limit of the effective range												
Wiederholgenauigkeit Repeat accuracy	$\pm 1\%$ vom Messbereichsendwert $\pm 1\%$ 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 Environment</td> <td>0...+60 °C</td> <td>0...+60 °C</td> </tr> <tr> <td>Medium</td> <td>0...+70 °C</td> <td>0...+70 °C</td> </tr> <tr> <td>Lager Storage</td> <td>-25...+80 °C</td> <td>-25...+80 °C</td> </tr> </table>	Umgebung Environment	0...+60 °C	0...+60 °C	Medium	0...+70 °C	0...+70 °C	Lager Storage	-25...+80 °C	-25...+80 °C			
Umgebung Environment	0...+60 °C	0...+60 °C											
Medium	0...+70 °C	0...+70 °C											
Lager Storage	-25...+80 °C	-25...+80 °C											
Druckfestigkeit Compressive strength	3 bar (option: 10 bar) 3 bar (option: 10 bar)												
DK-Medium Dielectric constant medium	>1,8 (Dielektrizitätskonstante ϵ_r) >1.8 (dielectric constant ϵ_r)												
Sondenstab Probe rod	Verstärkter Sondenstab Reinforced probe rod												

Stand: 2018_12_12

Sous réserve d'erreurs ou modifications techniques

CAPTRON Electronic GmbH
Johann-G.-Gutenberg-Str. 7
D - 82140 Olching

Tel.: +49 (0)8142 - 44 88 - 0
Fax: +49 (0)8142 - 44 88 - 100

sales@captron.com
www.captron.com