11 10 9 8 7 Technical data Medium water, coolant Function minimum - quiescent current (rc) Operating voltage 12 / 24 V (-25% / +50%) (9 - 36 VDC) Current consumption typ. < 8 mA Output low side switch < 1 A over the whole temperature range short-circuit and overload protected over the ambient temperature range. At inductive loads freewheeling diode e.g. 1N4007, has to be mounted at the load.	6 5 4
e.g. 1N4007, has to be mounted at the load.	Block diagram
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e.g. 1N4007, has to be mounted at the load.	Ø27
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Mounting thread 1/4" NPTF	
Function control 0 seconds ± 5%	ר האר
Fault indication delay 7 seconds ± 5%	
Connection delay 7 seconds 13% og 7 seconds 13%	
Housing material CuZn38Pb2	
EN12164; CW608N	
G capacitive connected to ground	
Probe coating Tefzel® ETFE 8	HEX27 / sensor oscillator
D Probe protection IP 67 to DIN40050	
🗑 🗌 Weight approx. 95 g	
Marking manufacturer; type; manufacturer number's;	
SN; year / week; approval	
. Switch point hysteresis type < 3 mm	switchpoint vertically 28±6 mm
$\begin{array}{c} F \\ \hline \\$	
ΔP Ambient temperature -40 °C to +125 °C (-40 °F to +257 °F)	'/ ;+ -
Storage temperature -50 °C to +125 °C (-58 °F to +257 °F)	
Mounting position optional	Functional diagram for MIN
Storage temperature -50 C to 1125 C (-50 T to 1257 T) Mounting position optional Reverse polarity protection inbuilt between positive and negative terminal	_₹
Ø	Water / Oil-
	→ → Switchpoint I level
E Caution!! Do not connect negative potential to signal terminal of the sensor and positive potential to negative terminal of the sensor.	horizontally ±2 mm
O C Do not connect negative potential to signal terminal of the sensor	mediu
Approval Customs tariff number D Environmental simulations Vibration ISO 16750-3:2007 10 Hz - 2000 Hz 20 q	i
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Customs tariff number 90261029	
Environmental simulations	
Discrition ISO 16750-3:2007 10 Hz - 2000 Hz 20 g	
Free Fall IEC 16750	
Mechanical Shock DIN EN 60068-2-27:1995; 100 g / 11ms	Output ON
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Dry Cold DIN EN 60068-2-1:2006; -40 °C / 24 h (-40 °F / 24 h)	
Dry Cold DIN EN 60068-2-1:2006; -40 °C / 24 h (-40 °F / 24 h) Dry Heat DIN EN 60068-2-2:2008; +125 °C / 96 h (+257 °F / 96 h)	
Dry Cold DIN EN 60068-2-1:2006; -40 °C / 24 h (-40 °F / 24 h) Dry Heat DIN EN 60068-2-2:2008; +125 °C / 96 h (+257 °F / 96 h) Temperature cycling DIN EN 60068-2-14:2000	
Dry Cold DIN EN 60068-2-1:2006; -40 °C / 24 h (-40 °F / 24 h) Dry Heat DIN EN 60068-2-2:2008; +125 °C / 96 h (+257 °F / 96 h) Temperature cycling DIN EN 60068-2-14:2000 C Damp Heat DIN EN 60068-2-78:2002	Output OFF
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Image: Conducted transient emission DiN EN 60068-2-1:2006; -40 °C / 24 h (-40 °F / 24 h) Dry Cold DiN EN 60068-2-1:2008; +125 °C / 96 h (+257 °F / 96 h) Dry Heat DiN EN 60068-2-14:2000 Temperature cycling DiN EN 60068-2-78:2002 Damp Heat DIN EN 60068-2-30:2006 Damp Heat, steady state DIN EN 60068-2-30:2006 Salt spray DIN EN 60068-2-52:1996 Pressure resistance 2,5 MPa (25 bar / 362,6 psi) (25°C / 77°F / 1 h) Salt spray DIN EN 60068-2-10:2006 Pressure resistance 2,5 MPa (25 bar / 362,6 psi) (25°C / 77°F / 1 h) Solution Solution B Conducted transient emission	Output OFF
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