		11	1	10	9	8	7	6	5	4
τ [°]		Technical data			•	•	· · ·	-		· /
for jistere mus										
is rec		Medium	water, coolant minimum - operating current (oc)							
mper		Function								
to co tility n is, all		Operating voltage 12 / 24 V (-25% / +50%) (9 - 36 VDC)								
olator or a u v right		Current consumption	typ. < 8 mA high side switch							
the vi sued o		Output								Block diagram
igate t is iss rial pr				\leq 1 A over the whole temperature range						
all obl baten				short-circuit and overload protected over the ambient temperature range. At inductive loads freewheeling diode Ø27						
any participation of the second se										
plian case any o for us	Ы				has to be mounted at the		-			Ì
non-compliance shall obligate the violator to compensate for ages. In case any patent is issued or a utility model is registered, t case of any other industrial property rights, all such rights must served for us.	l'	Mounting thread		G 1/2"						
Any no damage or in ca be rese		Function control		2 seconds ± 5	%		Г			
4 p o d		Fault indication delay		7 seconds ± 5						
	\square	Connection			EN 175 301-803-A		t			i
		Housing material		X5CrNi18 10				<u> </u>		
		nousing material		EN 10088-3:1	/301		34		_	I
	G			capacitive connected to ground Tefzel® ETFE						
		Probe coating								i I
		Probe coaling Probe protection								sensor oscillator
		Weight					9 € € €			
je ú		•	on IP 65 to DIN40050 approx. 85 g manufacturer; type; manufacturer no.; SN: year / week: approvals							
Luk		Marking		manufacturer; type; manufacturer no.; Shuwar (weak) approved					i –	
Nü N			\circ (torque max, 25 Nm)							L
<u>e</u>		Switch point hysteresis		typ. < 3 mm						
L L	F	Medium temperature			5 °C (-40 °F to +257 °F)					
Altdorf bei Nürnberg		Ambient temperature			5 °C (-40 °F to +257 °F)		ļ	Ŀ		
		Storage temperature			5 °C (-58 °F to +257 °F)					
Co.KG,		Mounting position		optional			Ø5	switchpoint		Functional diagram for MINI
v. v.		Reverse polarity protection		inbuilt betweer	n positive and negative t	erminal		horizontally ±	2 mm	
		······································								Water / Oil-
Η		Caution !!								
GmbH &	F	Do not connect positive potential to signal terminal of the sensor								
υŰ		and negative potential to positive terminal of the sensor.								medium
hnik										
ect		Approvals Customs tariff number		90261029	S, DNV, GL, KR, LR, NK	r, rina, riviro				
BEDIA Motorentec	\square			90201029			í la			
to		Environmental simulations								
β		Vibration		100 16750 2:0		20 a	\ `	Ľ /		i +
⊴		Free Fall		IEC 16750	2007 10 Hz - 2000 Hz	20 y				· ·
	D	Mechanical Shock			0 0 07,1005, 100 a / 11m					
					8-2-27:1995; 100 g / 11m			oositive (+)		
		Dry Cold			3-2-1:2006; -40 °C / 24 h	. ,		negative (-)		
		Dry Heat			8-2-2:2008; +125 °C / 96	II (+237 F790 II)	3 = 5	signal (S)		
		Temperature cycling		DIN EN 60068						i
		Damp Heat		DIN EN 60068						
	с	Damp Heat, steady state		DIN EN 60068						
		Salt spray		DIN EN 60068	-2-32.1990					Output OFF
		Flame retardant		DIN 75 200	ar / 202 C ani) /25°C / 7	7°F (4 h)	° + (1)			
viding xcerp other		Pressure resistance		2,5 10128 (25 0	ar / 362,6 psi) (25°C / 7	/ F / I II)	∘ - (2)	- @	1	ts
ation or transfer to, providing wed of its contents or excerpts proval for any purpose other nt.		EMO								1
sfer te ntents y pur		EMC Conducted empiresion from					° S (3) °	─`S <u>•</u>	1	ts: fund tm: fau
r tran ts co or an		Conducted emmission from								L
tion o ed of i oval f		the power port		CISPR 16	10 kHz - 30 MHz					
plicat allowe pient	в	Electric field radiaded emmiss		CISPR 16	150 kHz - 2 GHz			Relay coil		
No du es is a erec		RF electromagnetic fields		EN 61000-4-3						
withou to th		Conducted interference		EN 61000-4-6						field of application
igs to third usted		Conducted interference		IEC 60533	50 Hz - 10 kHz; 3 V					
belor o any t be u		ESD		EN 61000-4-2		-				
wing ting tu been		Burst			±2 kV DC power po	-				
is dra unica ing m:		Surge		EN 61000-4-5	± 1 kV line <-> grour					
nt to this draw communicati s drawing ma which it has I	A				± 0,5 kV line <-> line)				
yright o or c This		High voltage		IEC 60092-50						
e cop cess t reof. n that		Power supply variations and in	interruptions	EN 61000-4-1	1 Ub +50% / -25%					
Thi acc the		11	1	10	9	8	7	6	5	rev. modification date name/check



awing path: I:\CAD\500\5000