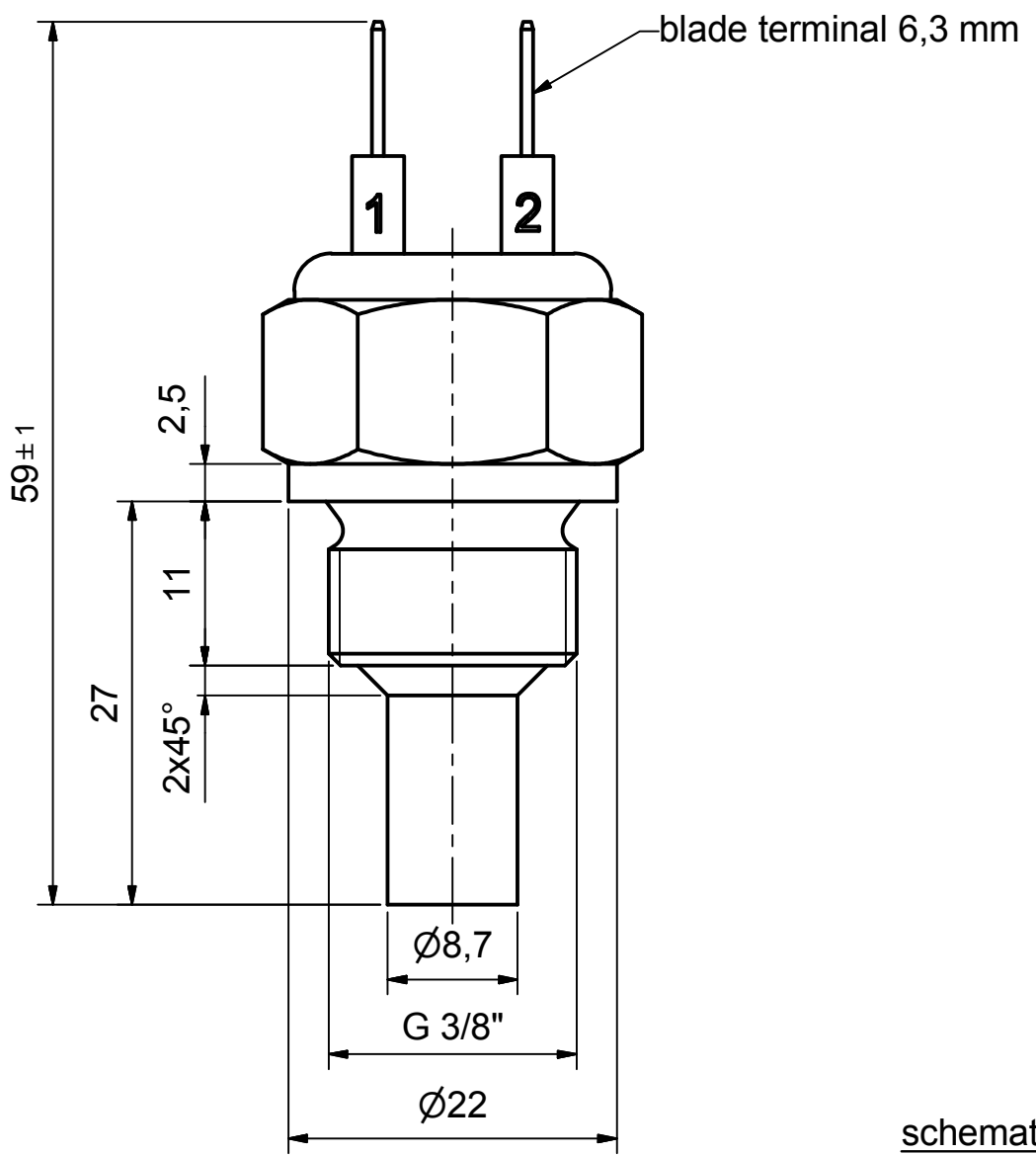


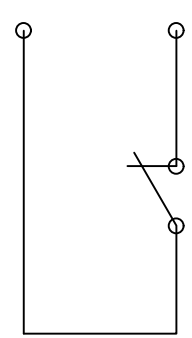
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BEDIA Motorentechnik GmbH & Co.KG, Altdorf bei Nürnberg

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schematic



Supplier: BEDIA Motorentechnik GmbH & Co.KG, D-90518 Altdorf bei Nürnberg
 Order number: 422873

Electrical data:

Switch off temperature	113°C ±4 K (235,4°F ±4 K)
Hysteresis	approx. 70% of switch off temperature opens with increasing temperature
Operating voltage	9-36 V
Operating current	5 A resistive load
Minimum switching current	50 mA
	protective circuit at inductive load needed

Environmental conditions:

Operating temperature	-40°C to +130°C (-40°F to 266°F)
Storage temperature	-40°C to +130°C (-40°F to 266°F)
Resistance to pressure	100 bar (1450.38 psi)
Environmental protection	IP 67 according DIN 40 050
Measuring medium	lubricants, hydraulic oil, fuels, coolant

Mechanical data:

Housing	CuZn38Pb2; EN12164, CW608N or CuZn39Pb3; EN12164, CW614N
Mounting thread	G 3/8" thread undercut DIN3852 Form-A
Connector	blade terminal 6,3 2-pole
Identifying marking	supplier
Marking on hexagon	order number temperature, contact configuration year / week
Tightening torque	max. 20 Nm

Detection of switchpoint:

Test conditon	room temperature
Immersion depth	thread fully screwed into an aluminium board aluminium board in fully contact with media
Media	glycol dip or silicone dip
Temperature control	heating element with circulating pump
Comparative measurement	sensing device in media

field of application	admissible tolerance	surface	scale	2:1	position	-	amount	-
	ISO2768-mK							
	date	name	description					
	created by	BerVi	Temperature switch 113°C OFF					
	checked by	StaRo	with blade terminal 6,3 mm					
			drawing number					
			422873					
			sheet					
			1/1					
rev.	modification	date	name/checked by	drawing path: I:\CAD\422\422873US.idw				

