



法兰材料	黄铜	Flange material	Brass
本体	黑色POM	Body material	Black POM
安装	在任何位置	Mounting	Any position
环境温度	-20°C...+80°C	Environment temperature	-20°C to +80°C
流体温度	-20°C...+120°C	Fluid temperature	-20°C to +120°C
在时的传感器精度	±5°C	Set-point tolerance	±5°C
最大热滞	~16°C 校准值	Max. thermal hysteresis	~16°C calibrated value
电气保护	IP67 根据端子选择	Electrical protection	IP67 according to chosen terminal
最大电气负载	30 A / 12 Vdc 10 A / 240 Vac 电阻性 30 A / 24 Vdc 3 A / 240 Vac 感性	Max. electric load	30 A / 12 Vdc 10 A / 240 Vac resistive 30 A / 24 Vdc 3 A / 240 Vac inductive
最大压力	200 bar	Max. pressure	200 bar

如何订购 / HOW TO ORDER

TCR	47	C	A	S	V	W	05	D	10
型号 / Model	TCR	触点状态 / Contact	A - C	电缆类型	Cable type	供应电缆长度(dm)	Supply cable length (dm)	电机电缆连接器类型	Engine cable connector type
开关温度	Operating temperature	电源	Power supply	电机电缆长度 (dm)	Engine cable length (dm)	供应电缆连接器类型	Supply cable connectors type	电机电缆长度 (dm)	Engine cable length (dm)
25 - 30 - 40 - 47 - 50 - 60 - 70 - 80		R - S - T		es: 05 = 500 mm		W - F - D - M		es: 10 = 1000 mm	
"C"	螺纹 / Thread	"B"							
B	G 3/8" 平行 / Parallel	13							
C	G 1/2" 平行 / Parallel	13							
D	M22x1.5 平行 / Parallel	13.5							

订购信息 / ORDERING INFORMATION

TCR	带集成式功率继电器的温度控制器
切换温度	25°C ±5°C 30°C ±5°C 40°C ±5°C 47°C ±5°C 50°C ±5°C 60°C ±5°C 70°C ±5°C 80°C ±5°C
触点状态	A 常开触点 C 常闭 (根据要求)
螺纹连接	B 并行 G 3/8" C 并行 G 1/2" D 并行 M22x1.5
电源	R 集成功率继电器 12 V S 集成功率继电器 24 V T 集成功率继电器 220 V
电缆类型	V 2x2.5 mm² PVC 电缆 (用于 12 或 24 V) Z 3x0.5 mm² PVC 电缆 (用于 240 V)
供应电缆连接器类型	W 飞线 F 6.35 毫米 Fast-on 阴接头 D Delphi Metripack 280 阴接头 M Molex (5025) 3 极接头
电缆长度 (dm)	05 = 500 mm
电机电缆连接器类型	W 飞线 F 6.35 毫米 Fast-on 阴接头 D Delphi Metripack 280 阴接头 M Molex (5025) 3 极接头
电缆长度 (dm)	10 = 1000 mm

TCR	Temperature controller with integrated power relay
Operating temperature	25°C ±5°C 30°C ±5°C 40°C ±5°C 47°C ±5°C 50°C ±5°C 60°C ±5°C 70°C ±5°C 80°C ±5°C
Contact type	A NO normally open C NC normally closed (on request)
Thread connection	B G 3/8" parallel C G 1/2" parallel D M22x1.5 parallel
Power supply	R Integrated power relay for 12 V S Integrated power relay for 24 V T Integrated power relay for 220 V
Cable type	V 2x2.5 mm² PVC cable (suitable for 12 or 24 V) Z 3x0.5 mm² PVC cable (suitable for 240 V)
Supply cable connectors type	W Bare wires F Fast-on 6.35 mm female D Delphi Metripack 280 female M Molex Series 5025 3 poles
Cable length in dm	05 = 500 mm
Engine cable connector type	W Bare wires F Fast-on 6.35 mm female D Delphi Metripack 280 female M Molex Series 5025 3 poles
Cable length in dm	10 = 1000 mm

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温度控制器 / TEMPERATURE CONTROLLERS

电气保护 ELECTRIC PROTECTIONS

页 / Page	TBF evo	NTB	NTBC	NTR	EBT	EBC	TBLFPA TBLTPA	TCR	TBG	TER
电气保护IP54 IP 54 electric protection 保护帽1 CAP. 1 	●									
保护帽10 CAP. 10 	●									
电气保护IP65 IP 65 electric protection Din 43650 A 连接器 Din 43650 A connector 		●	●	●	●	●	●			
电气保护IP67 IP 67 electric protection 飞线+连接器和IP67电气保护 (+保护帽CAP14仅适用于TBF evo) Flying leads + connector and IP 67 electric protection (+ CAP. 14 only for TBF evo) 	●							●	●	
M12连接器 / M12 connector 		●	●	●	●	●	●			

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