MINMILE
Smart Technology

- Used in chemical, oil refining, oil exploitation, offshore oil platforms, oil tankers, military and other hazardous areas;
- Can be suit for the heat tracing system for the anti-consolidate in hazardous area, capable for responding to changes in the ambient temperature, with the adjustable set points;
- Can be used to control a single heat tracing circuit or control the multi heat tracing circuits as a contactor;
- The various mounting types and cable entries are available as per customers requirements, such as hanging mounting and stand floor mounting.The cable entries can be suit for rubber cable, armored cable and heating cable.



Model Identification

MAMX-12-C2 – V

V: Heat tracing bracket type
Bracket code: P1=PPS single-wire bracket; S1=stainless steel 304; S2=stainless steel 316; if non-heat tracing bracket type, no additional marks.

For example:
if the explosion-proof temperature control switch is heat tracing bracket type with bracket material SS316, the model number is MAMX-12-C2-V-S2





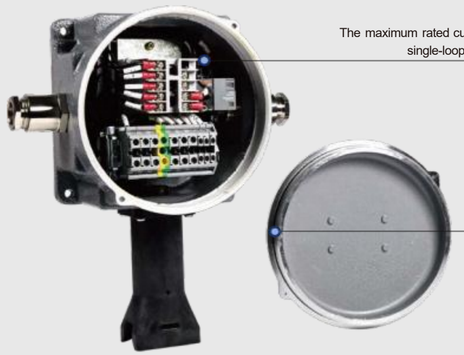
General Technical Parameters

	GB/IECEx	ATEX
Explosion protection Gas explosion protection Dust explosion protection	Ex db IIC T6...T4 Gb Ex tb IIIC T80℃...T135℃ Db	II 2G Ex db IIC T6...T4 Gb II 2D Ex tb IIIC T80°C,T95°C,135°C,Db
Conformity to standards	GB：GB/T 3836.1-2021,GB/T 3836.2-2021,GB/T 3836.31-2021 IECEx： IEC 60079-0:2017,IEC 60079-1:2014-06,IEC 60079-31:2013 ATEX： EN IEC 60079-0:2018, EN IEC 60079-1:2014,EN IEC60079-31:2014	
General power supply	MAX.40A under AC125/250/480V	
Built-in components	Solid Relay, OMRON thermostat, Miniature relay, terminal	
Sensor Type	PT100	
Enclosure material	Copper-free Aluminum Alloy ZL102	
Powder coated and color	Electrostatic powder coating ,MAM standard color is equal to dark grey RAL7090, light grey RAL 7035 is optional	
Ambient temperature and IP rate	-43°C~+60°C、IP66、WF2	
The material of Exposed fastener	SS304/SS316 stainless steel	



MINMILE
Smart Technology

Product outline and installation dimensions



The maximum rated current can be 40A, which meets the needs of single-loop temperature control switches in most fields.

Easier on-site installation and maintenance by unscrewing the cover with threads to wire.

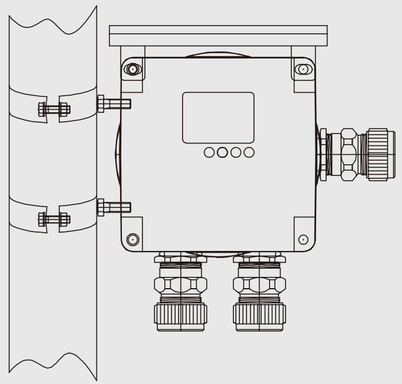


The thermostat can be debugged through explosion-proof buttons on the box surface.

Stainless steel or PPS heating brackets can be used.

Product outline and installation dimensions

Pillar mounting



Heat tracing bracket mounting

