P602 Series

Explosion Proof Heat Detectors

Features:

KOFEIC Approved
Resisting pressure explosion proof construction
Wide range of operating temperature
Corrosion resistant stainless steel construction
Suitable industrial control
Standard conduit mounting thread

SSL Approved
Application at Zone 0 area
Wide range of operating temperature
Corrosion resistant stainless steel construction
Normally open or normally close contact available
Corrosion resistant stainless steel construction
Standard conduit mounting thread
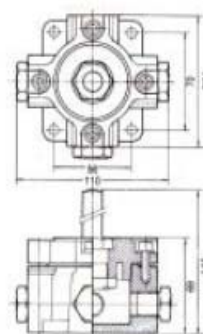Customizing temperature setting

P602 Series Explosion Proof Heat Detectors

Tyco Safety Products Korea is pleased to introduce P602 Series Explosion Proof Heat Detectors and those are designed to meet stringent performance requirements of industrial and municipal fire alarm systems, the design of this detector emphasizes high reliability and ease of installation. Those products has proven reliability thru approval of KOFEIC & KISCO and Australian SSL for each

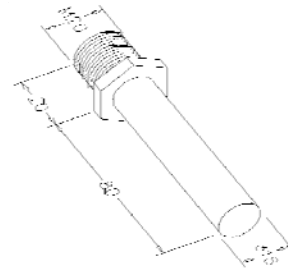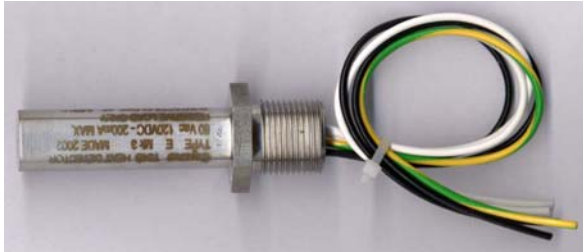### P602 Series FT Heat Detector(Ex-Proof, 90℃)

P602 Series Fixed Temperature Heat Detector is suitable for use in area with explosive atmospheres. It is specially designed to prevent false fire alarm with application of Semiconductor sensor instead of using legacy bimetal type.

KOFEIC Approval No.: Gam 00-24	KISCO Approval No.: EX-D II BT4
Class: Special	Operating Temperature: 90°C
Rated Voltage: 24V DC ± 20%	Ambient condition: -10°C ~ 70°C, Max. 95% Rh
Supervisory current: 100mA	Alarm current: 30mA
Material: Housing-Die cast Aluminum	Dimension: W94 X D144 X H94
Sensor - Brass	
Weight: Approx. 930g	Conduit entry size: 3/4" x 4 ea

P602 Series T54 Point Type Heat Detector (Ex-Proof)

Constructed from stainless steel, the P602 Series T54 Point Type Heat Detector (Model: T54B) is a rugged heat detector that can be used to detect fires in the harshest of environments. The T54B can be used in environments with ambient temperatures up to 200℃ and, being hermetically sealed, is impervious to most contaminants. The T54B is suitable for use in areas with explosive atmospheres. Classified as a simple device, the T54B can be used in Zone 0 areas when connected to a suitable intrinsically safe barrier. For reliable operation, it is recommended that T54B detectors have set points 20℃ or 20% (whichever is higher) above the maximum temperature they will be exposed to in normal operation. Preferred factory preset actuating temperatures are: 60, 66, 72, 80, 90, 100, 110, 120, 132, 145, 160, 180, 200, 220, 240℃.

Korean approval No.: Gam 00-24	KISCO approval No.: EX-D II BT4
Class: Special	
Operating voltage @ 0.5A: 24Vd.c. to 240Va.c.	Switching current: 5 to 200mA
Contact Resistance: <1 ohm	Actuating Temp.(factory set): 60 to 240°C
Fixed Temp. Only: *Type E	Accuracy: + or - 5%
Ambient condition: -40°C ~ 270°C	Relative Humidity: 100% Rh
Protection Category: IP67	Thread Size: M20 x 1.5mm

Ordering information

Stockcode	Description
P602-T54ELxx	T54 Point Type Heat Detector (Ex-Proof), xx: 60°C ~145 ^{o}C, Normally Open
P602-T55ELxx	T54 Point Type Heat Detector (Ex-Proof), xx: 160°C~250°C, Normally Open
P602-T56ELxx	T54 Point Type Heat Detector (Ex-Proof), xx: 60°C~145 ^{o}C, Normally Close
P602-06000	Fixed Temperature Heat Detector (Ex-Proof), 90°C

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