Heat Detector IP67
HC100 D-IP67

Part no. 038022

G002018

System: All Salwico Fire Alarm Systems

General description

The HC100 D-IP67 is a conventional heat detector for use with all Salwico Fire Alarm Systems. It is delivered complete with adapter and base. In this version of HC100 the detector and adapter are moulded together and filled with a special moulding compound that gives it high resistance against dampness and vibrations. The detector can not be separated from the adapter. The HC100 D-IP67 is suitable for location in harsh environments.

The heat sensing element is of thermistor type with a short response time to changes in the ambient temperature. Alarms are optically indicated until they are reset on the central.

The detector is environmentally adapted in aspects of the selection of material and design.

The detector is polarisation independent (unless the remote output is used) which simplifies the installation.

Data

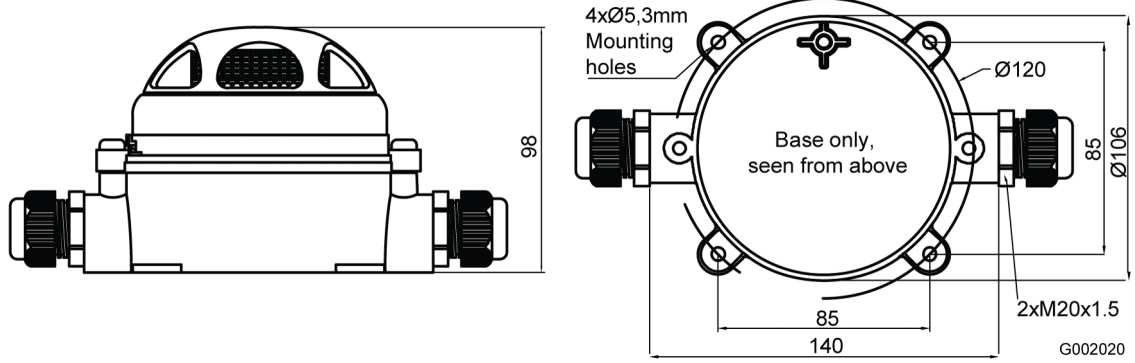|	
Function	Conventional
Working voltage	16 - 30 VDC
Alarm temperature	100 °C
Classification	D, EN54-5:2000
Ingress protection	IP67, IEC60529:2001
Working current	< 25 µA
Alarm current	Max 54 mA
Remote output	Max 2 mA
Ambient humidity	95% RH at 55°C
Temperature range	-25°C to +115°C
Material	PC/ABS
Colour	White
Weight	420 g ± 5%
Certified according to	CE_{07} 2531-CPR-232.1711 DOP no. 6301901

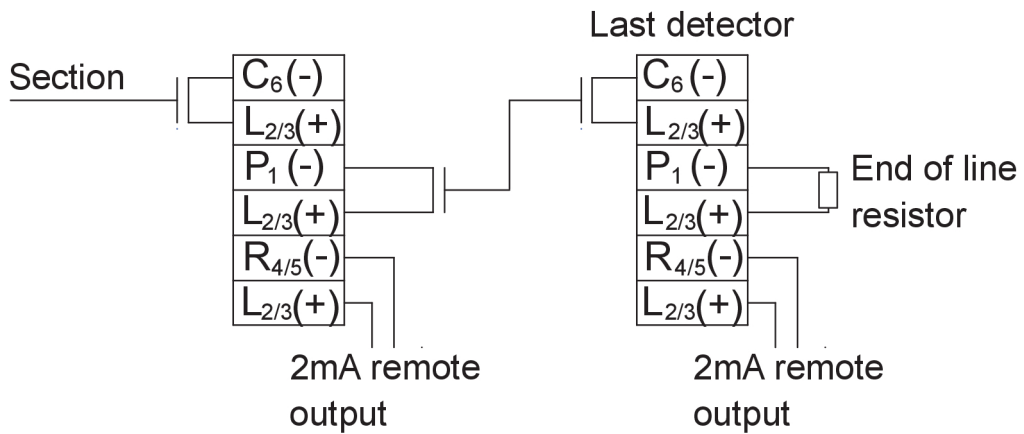The expected life time of the product is affected by the environment it is mounted in.

Cleaning
Only clean outside of detector by using a damp cloth.

Dimensions (mm)

4xØ5,3mm
Mounting holes

Ø120

Base only,
seen from above

85
Ø106

98

2xM20x1.5

85

140

G002020

Connection

Section

Last detector

$C_6(-)$
$L_{2/3}(+)$
$P_1(-)$
$L_{2/3}(+)$
$R_{4/5}(-)$
$L_{2/3}(+)$

$C_6(-)$
$L_{2/3}(+)$
$P_1(-)$
$L_{2/3}(+)$
$R_{4/5}(-)$
$L_{2/3}(+)$

End of line
resistor

2mA remote
output

2mA remote
output

G008681

Data sheet no. 038022_HC100 D-IP67_I0_EN_2020_E