



Fabrikanterklæring og instruksjoner
Declaration of Conformity and Instructions

Anvendelse:

Adresse-/tilpasningsenhet som gjør det mulig å koble konvensjonelle varmedetektorer og manuelle meldere til et analogt, adresserbart brannalarmsystem.

For bruk i eksplosjonsfarlige områder, sone 1 eller sone 2. Tilkobles via zenerbarriere BZ-32.

Prinsipp:

Alle detektorer kobles til en overvåket bisløyfe og får den samme adressen som kodes på adresse-/tilpasningsenheten.

Versjoner:

BN-35/Ex EExib-utgave for bruk i sone 1 eller sone 2.

Application:

Address/interface unit for connection of conventional heat detectors and manual call-points to an analogue addressable fire alarm system.

For use in hazardous areas zone 1 or zone 2.

To be connected via zener barrier BZ-32.

Principle:

All detectors are connected to a monitored sub-loop and will attain the same address as coded on the address/ interface unit.

Versions:

BN-35/Ex EEx ib-version for use in zone 1 or zone 2.

Dimensjoner/ Dimensions : 88 x 88 x 53 mm
(H x B x D / H x W x D)

Vekt inkl. 4 membran-nipler/
Weight, incl. 4 membr.inlets : 175 g

Materiale / Materials : Thermoplast

Farve / Colour : Lys grå / Light grey

Spenning / Voltage : 14V DC \pm 2V

Strømforbruk /
Current consumption
a) hvilestrøm / stand by : 0,1 mA

b) signalstrøm / signal
Normal/normal : 8 mA
Alarm/alarm : >18 mA

Miljø / environment : EN-54 part 5

Beskyttelsesgrad /
Degree of protection
membr.nipler /membr.inlets : IP 54
PG-nipler / PG-inlets PG-13,5 : IP 67

Arbeidstemperatur /
Working temperature : -20°C to + 70°C

Fuktighet (Ikke kond.) /
Humidity (non condensing) : Max. 90% R.H.

Vedlikehold /
Maintenance : Normalt ikke /None

Service / Service : Utskifting ved feil/
Replace if faulty.

Approvals / Godkjenning:

Notified Body / godkj. etat Nemko, Oslo, Norway
ID No. 0470

EC type examination
certificate / EC type sertifikat Nemko 03ATEX 219X

Directive and standards 94/9/EC (ATEX)
/ Direktiver og standarder EN 50014
EN 50020
89/336/EEC (EMC)
Emission: EN 50081-1: 1992
Immunity: EN 50130-4: 1995
EN: 61000-6-2: 1999

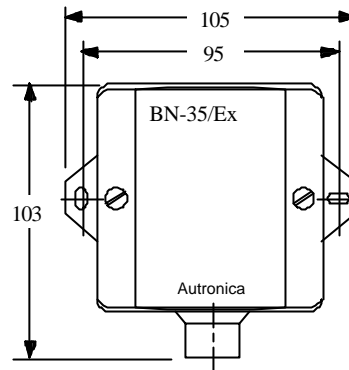
Ex parameters

Ex-parametere

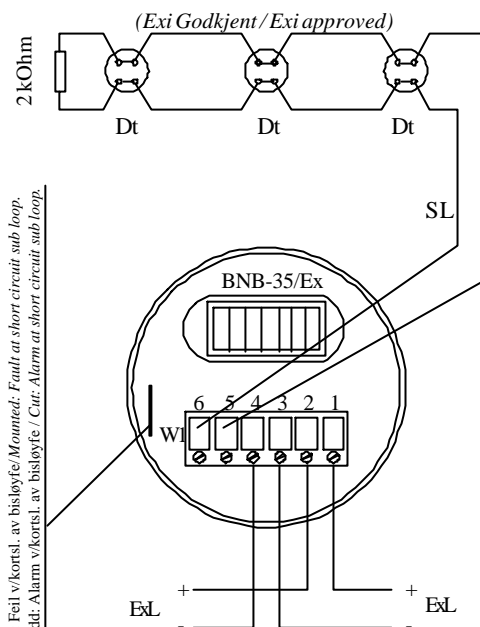
II 2 G

EEx ib IIc T5
U_m = 17,5VDC
C_m < 10nF
L_{eq} = 0

Dimensjoner og tilkobling /
Dimensions and connection:



Maks. 10 detektorer pr. sløyfe/Max. 10 detectors persub-loop.



ExL Avgrening fra barriere / Branch of from barrier.

ML Detektor sløyfe / Main loop

SL Bi-sløyfe / Sub loop

Dt Konvensjonell detektor / Conventional detector

Exi installasjon iht. manual P-Det/Ex/RCE

Exi installation acc. to manual P-Det/Ex/RCE

Montering: 2 skruer. Se tegning.

Tilkobling via membran- eller PG-nipler, avhengig av tetthetskrav.

Mounting: 2 screws. See drawing.

Connections via membrane or PG-inlets.

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