



TECHNICAL DATASHEET

NAM 03/HT Rupture Indicators

Donadon magnetic NAM 03/HT rupture indicators are recommended for use with our rupture discs.
The NAM 03/HT indicator is composed of:

- a magnetic proximity type sensor installed in the corresponding threaded housing downstream in the rupture disc holder to detect opening
- a target with a permanent magnet supplied with the disc

When the disc opens the magnet is displaced and the sensor activates. Replacement discs are supplied with a new target.
NAM 03/HT is an intrinsic safety device certified

- ATEX II 2GD Ex mb II T4/T6
Ex tD A21 IP67 T135°C/T85°C
- ATEX II 1GD Ex ia IIB T3/T6
Ex iaD 20 T200°C/T85°C

It can therefore may be used in locations where potentially explosive atmospheres are continually present (classified zones 0, 20 and 1, 21 and 2, 22 according to European Directive 94/9/EC (ATEX)).

NAM 03/HT is normally supplied with 2 metres of bipolar cable. The cables of the alarm system must be connected to the plant's safety system through an adequate safety barrier.

- Ex ia barrier --> zone 0; 20; 1; 21; 2; 22
- Ex ib barrier --> zone 1; 21; 2; 22

TECHNICAL DATA

MODEL	NAM 03/HT
STORAGE TEMPERATURE	From -40°C to +200°C in accordance with ATEX certification
MATERIAL IN CONTACT WITH PROCESS FLUID	Same as disc and disc holder
MAX SWITCHING VOLTAGE	60 VDC
MAX SWITCHING CURRENT	0,4 A
CABLE	2 x 0.2 mm ² , ø 3.4 mm, 200°C, Class C2
DEGREE OF PROTECTION	IP 67
RUPTURE DISK	DCD , DIF , LPD , SCD , SCR , Y90 , KRD