

# Sprängbleck/Sprängpaneler

(NAM 03/HT Magnetic Alarm System)



## Product Overview

NAM 03/HT alarm system is recommended for installation with SDD rupture discs.  
NAM 03/HT Alarm System is made up of:

- \* A proximity type sensor installed in the disc holder downstream the disc in order to detect the bursting of the disc.
- \* A target with a permanent magnet supplied with the disc.

When the disc bursts the magnet is displaced and the sensor activated. Replacement discs are supplied with a new target.

NAM 03/HT is an intrinsic safety device certified ATEX II 2GD Eex m IIC T4/T6 and ATEX II 1GD Eex ia II T3/T6 and therefore may be used in locations where potentially explosive atmospheres with gas, steam or mist are continually present (locations classified zone 0; 20 and 1; 21 and 2; 22 by European Directive 94/9/EC (ATEX)). Barrier type must be adequate to the zone:

- \* Barrier Eex ia > zone 0; 20; 1; 21; 2; 22
- \* Barrier Eex ib > zone 1; 21; 2; 22

NAM 03/HT is normally supplied with 2 meters of bipolar cable C2 class protection grade IP67. The cables of the alarm system must be connected to the plant's safety system through an intrinsic safety barrier adequate to the location.

## Technical Properties

<b>Model</b>	<b>NAM 03/HT</b>
Fit for discs of nominal diameter	Minimum DN 25
Minimum / Maximum temperature	Min -20°C / Max +200 °C
Materials in contact with process fluid	Same as disc and disc holder
Max. switching power	10W – 12 VA
Max. switching voltage	60 VDC
Max. switching current	0,4 A
Encapsulating resin	silicone
Electrical cable	2 meters, bipolar
Protection degree	IP 67