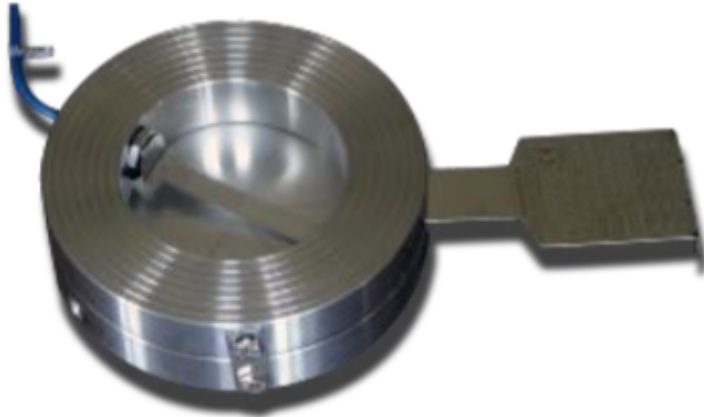


Sprängbleck/Sprängpaneler

(NAM 05 Inductive Alarm System)



Product Overview

NAM 05 alarm system is recommended for installation on Rupture discs and explosion vent panels. NAM 05 Alarm System is made up of:

- * An inductive proximity sensor installed downstream the disc or panel.
- * A target supplied with the disc or panel.

When the disc or panel opens the target is moved and the sensor sends a signal to the plant safety system. Spare discs or panels are supplied with a new actuator.

NAM 05 is an intrinsic safety device certified Atex II 1G Eex ia IIC T6 and ATEX II 1D Ex iaD 20 T 108 °C therefore may be used in locations where potentially explosive atmospheres are probable (locations classified zone 0, 20, 1, 21, 2, 22 by European Directive 94/9/CE (ATEX)). Barrier must be adequate to the zone:

Barriera Eex ia > zone 0; 20 ; 1; 21; 2; 22 barriera Eex ib > zone 1; 21; 2; 22

NAM 05 is normally supplied with 2m silicon cable that must be connected to the plant's safety system through an intrinsic safety barrier.

Technical Properties

Model	NAM 05
Fit for panels of nominal size	Minimum 200 mm
Maximum pressure on downstream side	2 bar g
Minimum / Maximum temperature	Min. - 25°C / Max +100 °C
Material in contact with fluid (downstream side)	PPS; Ryton R4
Supply voltage	8 VDC
Current consumption	1 – 3 mA
Intrinsic capacitance	36 nF
Intrinsic inductance	43 µH
Cable cross section	0,34 mm
Protection degree	IP 68
Ignition protection	Intrinsic safety