



Simply working



The NAMUR-solution for the chemical industry

**Worldwide the first vibration level limit switch
for bulk goods to meet NAMUR-standard**

The NAMUR-solution for the chemical industry



- worldwide the first vibration level limit switch for bulk goods to meet NAMUR-standard
- 2-wire intrinsic safe electronic module for Hazardous Locations (gas and dust)
- free choice of manufacturer for additional components

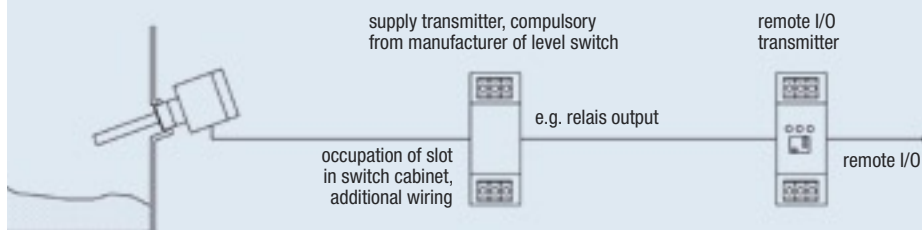
IEC 60947-5-6 (NAMUR)

DIN EN 60947-5-6 (NAMUR)

previous standard: DIN EN 50227 (DIN 19234; NAMUR)

EMV according to NAMUR-recommendation NE21

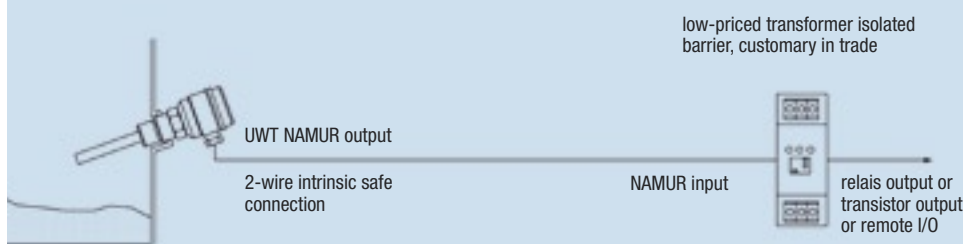
Usual setup to realise a remote I/O connection:



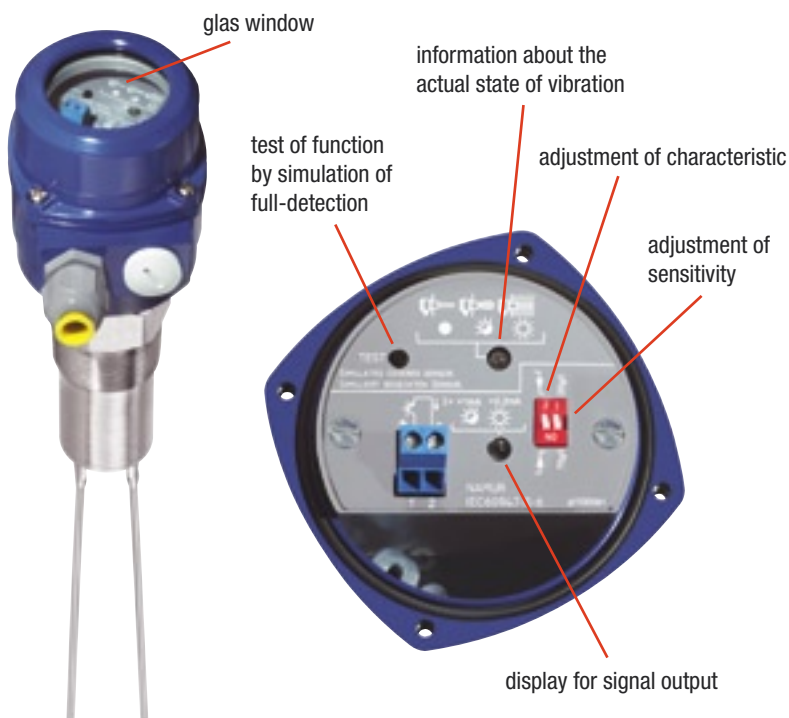
Certificates

ATEX II 1G and 1/2G EEx ia IIC;
ATEX II 1D and 1/2D
FM / CSA IS Cl. I, II, III Div. 1 Gr. A-G
FM Cl. I Zone 0 ia IIC and
FM Cl. I Zone 0/1 ia IIC
CSA Ex ia IIC

The simple UWT-solution:



examples for transformer isolated barriers, customary in trade



beneficial cost/performance ratio

- direct connection to isolated switch amplifiers according to NAMUR independent of manufacturer
- reduction of occupied slots in the switch cabinet
- less wiring

unique advantages

- information about the actual state of vibration
- check up on function button on the electronic module by simulation of full-detection

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