FEATURES

• Explosionproof operator for use in potentially explosive atmospheres according to ATEX-Directive 2014/34/EU

EC type examination certificate no.: LCIE 00 ATEX 6008 X
IECEx Certificate of Conformity no.: IECEx LCI 07.0015X

• Compliance with the Essential Health and Safety Requirements has been assured by compliance with the International and European Standards EN-IEC 60079-0, EN-IEC 60079-1 and EN-IEC 60079-31

• Easy electrical installation by means of a screw terminal coil

• Enclosure provided with a 1/2 NPT threaded entry hole (M20 x 1,5 in option) for a broad range of cable entries

• Ingress protection degree IP66/67

• A wide range of valves can be supplied with the operator

CONSTRUCTION

Solenoid enclosure
NF Chromated aluminium, epoxy coated
WSNF Stainless steel (AISI 316L)

Bonnet
NF Steel (zinc plated)
WSNF Stainless steel (nickel plated)

Core, core tube and plugnut
all Stainless steel
copper or silver

Nameplate
NF Stainless steel
WSNF Stainless steel

Coil connection
all Stainless steel

Fasteners & screws
all Stainless steel

Safety code
IECEx / q II 2G Ex db IIC T6..T4 Gb
IECEx / q II 2D Ex tb IIIC 85°C..135°C Db

ORDERING INFORMATION

A valve supplied with the explosionproof operator will be identified with prefix NF or WSNF before the catalogue number.

Example: NF 210D095 230V/50 Hz

A valve supplied with the explosionproof operator will be identified with electrical interface FN, FS, FT or FU in the 15-digit product code.

15-DIGIT PRODUCT CODE

Available on www.asco.com

Explosionproof equipment - 3
OPTIONS

- Operators for mining, I M2 Ex d I, contact us

ORDERING EXAMPLES:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Basic Number</th>
<th>Voltage</th>
<th>Suffix</th>
</tr>
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<tbody>
<tr>
<td>NF</td>
<td>327 B 001</td>
<td>230V / 50 Hz</td>
<td></td>
</tr>
<tr>
<td>NF</td>
<td>551 B 405</td>
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<td>272 A 047 MS</td>
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prefix
pipe thread
basic number

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15-DIGIT PRODUCT CODE

| E 262 | K 232 | FN V00 H1 |
| E 262 | K 232 | FS V00 F8 |
| E 262 | K 232 | FT V00 FT |
| E 262 | K 232 | FU V00 H9 |

Thread connection
Product series
Revision letter
Valves version
Electrical interface
Voltage - class
Options

CONNECTIONS

- Any ATEX approved cable entry device can be fitted in the 1/2 NPT threaded entry hole (M20 x 1.5 in option). Refer to the nameplate for identification of the maximum cable temperature
- Internal and external earthing connection
- The operator can be rotated through 360° to select the most favourable position for cable entry

DIMENSIONS (mm), WEIGHT (kg)

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<td>Prefix “NF”, “WSNF” Solenoid / Electrical interface FN/FS/FT/FU</td>
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<td>Aluminium, stainless steel (NF, epoxy coated)</td>
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<td>EN-IEC 60079-1 and EN-IEC 60079-31</td>
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<td>II 2G Ex db IIC Gb, II 2D Ex tb IIC Db IP66/67</td>
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2 mounting holes M5, depth 9 mm

Bracket kit no. C139824 contains: Stainless steel 304 SS screws and bracket

All leaflets are available on: www.asco.com

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