



Inert gas extinguishing technology

Monitoring device

Limit switch pneumatically operated



Approvals



1) Part of the system approval:

- Oxeo inert gas extinguishing system HD300 (S316003)
- Oxeo inert gas extinguishing system with ConstantFlow HD300 (S316001)
- Oxeo inert gas extinguishing system type "Oxeo CF LCP" (S322012)
- Oxeo inert gas extinguishing system type "Oxeo PR LCP" (S321009)
- CO₂ extinguishing system HD-1 (S316007)
- CO₂ extinguishing system CO₂ HP LCP (S320008)
- VSN 1230 (S314012) / VSN 200 (S313007)

2) Listed system:

- Oxeo PR LCP: IG-01, IG-100 (UL-File EX26532)
- Oxeo CF LCP: IG-01, IG-100, IG-541 (UL-File EX26532)
- CO₂ HP and CO₂ HP LCP (UL-File EX27301)
- VSN 1230 and VSN 200 (UL-File EX26532)

3) Part of the system approval:

- Oxeo PR LCP, IG-01, IG-100
- CO₂ HP LCP (FM23FPUS0180)
- Carbon Dioxide Extinguishing System CO₂ LP (FM23FPUS0147)
- VSN 1230 (FM23FPUS0045) and VSN 200 (FM23FPUS0058)

SAP designation

part no. 826758: Limit switch pneumatically operated

Maintenance

see technical description limit switch pneumatically operated
part no. 926951

| Designation | Part no. | Weight |
|-------------------------------------|----------|-------------------|
| Limit switch pneumatically operated | 826758 | 1.5 kg (3.31 lbs) |

Technical data

Operating mediumIG-01 (argon), IG-100 (nitrogen),
 IG-55, IG-541, CO₂, FK-5-1-12, HFC-227ea
 Working pressure140 bar (2030 psi)
 Temperature range -20 °C to +50 °C (-4 °F to 122 °F)
 Pressure connectionfor precision steel pipe 6x1

Product sheets also applying

Cylinder ø25 x H30PS 214-420_019
 Limit switch US 432yPS 211-430_005

Application

The limit switch pneumatically operated may only be used in stationary IG-01, IG-100, IG-55, IG-541, CO₂, FK-5-1-12 and HFC-227ea extinguishing systems. The limit switch is used to generate electrical signals which can be used for varying purposes.

Function description

In the event of fire, the extinguishing agent floods the corresponding pipeline system. Present pressure actuates the cylinder that in turn actuates the limit switch. The contacts of the limit switch are, depending on the respective connection, opened or closed. The activated signal is, e.g., used as an alarm signal for fire department control panels. The electrical signal can also be activated manually for test purposes using a push button.

Included in delivery

Cylinder ø25 x H30227303, PS 214-420_019
 Limit switch type US 432y724420, PS 211-430_005
 Support limit switch pneum. activated827866
 Union GE 6-PSR-EDA3C125578, PS 280-320_001
 2x Cheese-head screw DIN84-M5x25-Ms106915
 2x Hex. nut DIN934-M5-Ms108444
 2x Washer DIN125-B-5,3-Ms109771
 Technical description limit switch pneumatic (en)926951
 as well as fastening material



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Dimension drawing

Dimensions in mm (inch)

