



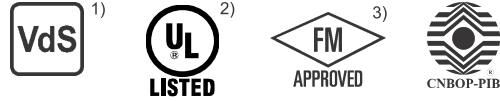
# Inert gas extinguishing technology

## 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)
  - CO<sub>2</sub> extinguishing system HD-1 (S316007)
  - CO<sub>2</sub> extinguishing system CO<sub>2</sub> 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)
  - CO<sub>2</sub> HP and CO<sub>2</sub> 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
  - CO<sub>2</sub> HP LCP (FM23FPUS0180)
  - Carbon Dioxide Extinguishing System CO<sub>2</sub> 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 medium .....IG-01 (argon), IG-100 (nitrogen),  
 ..... IG-55, IG-541, CO<sub>2</sub>, FK-5-1-12, HFC-227ea  
 Working pressure .....140 bar (2030 psi)  
 Temperature range ..... -20 °C to +50 °C (-4 °F to 122 °F)  
 Pressure connection.....for precision steel pipe 6x1

### Product sheets also applying

Cylinder ø25 x H30 .....PS 214-420\_019  
 Limit switch US 432y .....PS 211-430\_005

### Application

The limit switch pneumatically operated may only be used in stationary IG-01, IG-100, IG-55, IG-541, CO<sub>2</sub>, 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 H30 .....227303, PS 214-420\_019  
 Limit switch type US 432y .....724420, PS 211-430\_005  
 Support limit switch pneum. activated .....827866  
 Union GE 6-PSR-ED A3C .....125578, PS 280-320\_001  
 2x Cheese-head screw DIN84-M5x25-Ms .....106915  
 2x Hex. nut DIN934-M5-Ms .....108444  
 2x Washer DIN125-B-5,3-Ms .....109771  
 Technical description limit switch pneumatic (en) .....926951  
 as well as fastening material



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### Dimension drawing

Dimensions in mm (inch)

