



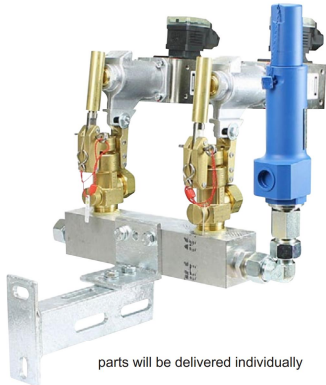
# Inert gas extinguishing technology

## Control device

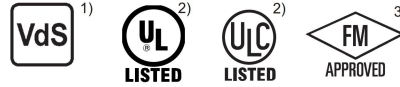
# P21.211.420 - 8

### Pilot control manifold CO<sub>2</sub> - DN15

### Approvals



parts will be delivered individually



- 1) Part of the system approval:
- Argotec HD-1 (S398010)
  - Oxeo argon fire extinguishing system HD200 (S398003) / HD300 (S303001)
  - Oxeo nitrogen fire extinguishing system HD200 (S398004) / HD300 (S303002)
  - CF Ar 200 (S312004) / CF Ar 300 (S312001)
  - CF N<sub>2</sub> 200 (S312003) / CF N<sub>2</sub> 300 (S312002)
  - Argotec CO<sub>2</sub> ND-1 (S398012), electrical release
  - VSN 1230 (S314012) / VSN 200 (S313007)
- 2) Listed system covered by UL-File EX6388 (CO<sub>2</sub>) and UL-File EX26532 (Ar, VSN 200 and VSN 1230)
- 3) Part of the system approval (VSN 200 and VSN 1230)

### SAP designation

e.g. part no. 830778: Pilot control manifold CO<sub>2</sub> - DN15 - 2

### Maintenance

see product information pilot control valve DN15 part no. 876772

Branches	Part no.	Weight approx. kg (lbs)
2	830778	9.7 (21.4)
3	830791	14.2 (31.3)
4	830808	17.7 (39.0)
5	830833	22.2 (48.9)
6	830857	26.8 (59.1)
7	830870	30.2 (66.6)
8	830894	34.7 (76.5)

Branches	Part no.	Weight approx. kg (lbs)
9	830912	39.3 (86.6)
10	830936	42.7 (94.1)
11	830950	47.3 (104.3)
12	830973	51.8 (114.2)
13	830985	55.2 (121.7)
14	830997	59.8 (131.8)
15	834115	64.3 (141.8)

### Technical data

Operating medium .....carbon dioxide (CO<sub>2</sub>)  
 Working pressure .....140 bar (2030 psi)  
 Test pressure .....235 bar (3408 psi)  
 Temperature range .....-20 °C to +50 °C (-4 °F to +122 °F)  
 Connected voltage .....24 V DC

### Product sheets also applying

Safety valve G1/2 - 140 bar .....886282, P21.214.341  
 Argon cylinder valve K85-20.0-S49 .....871014, P21.211.131  
 Lever - cylinder valve .....885603, P21.211.420  
 Release device EM 24 V DC .....885738, P21.211.420

### Application

The pilot control manifold DN 15 may only be used in accordance with system approval in stationary CO<sub>2</sub>, argon, nitrogen, IG-55, IG-541 and VSN 1230/200 fire extinguishing systems. It is used as a pilot control valve in the pneumatic activation of fire extinguishing systems or as a CO<sub>2</sub> extinguishing agent manifold for small design quantity, for example local protection for electrical devices.

### Functional description

The release device EM is triggered by an electrical activation. The release bolt of the release device is released and actuates the valve lever, which turns around by approx. 90° and opens the valve. The safety valve prevents an undue exceeding of the operating pressure.

### Included in delivery

Pilot control manifold CO<sub>2</sub> - DN15 (not pre-assembled)  
 Product information valve DN15 part no. 876772

### Not included in delivery

Connection to valve:  
 Adapter for connecting CO<sub>2</sub> - Ermeto DN4 .....827325  
 DN8 .....855425  
 Monitoring for release device EM .....885740, P21.211.430

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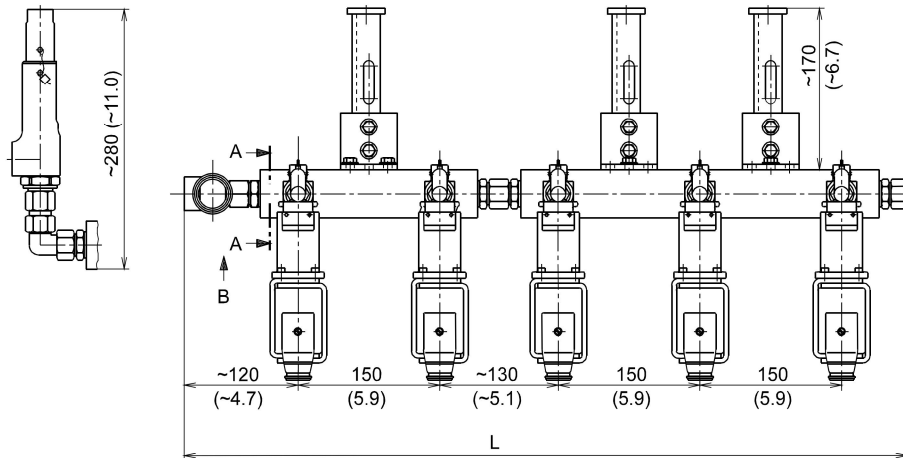
## Control device

### Pilot control manifold CO<sub>2</sub> - DN15

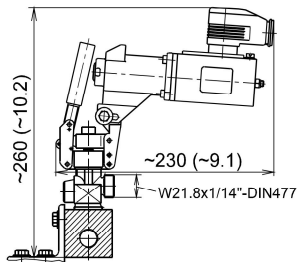
#### Dimension drawing

Dimensions in mm (inch)

View: B



Section: A-A



Branches	L
2	340 (13.4)
3	490 (19.3)
4	620 (24.4)
5	770 (30.3)
6	920 (36.2)
7	1050 (41.3)
8	1200 (47.2)
9	1350 (53.2)
10	1480 (58.3)
11	1630 (64.2)
12	1780 (70.1)
13	1910 (75.2)
14	2060 (81.1)
15	2210 (87.0)

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