Extinguishing technology CO_2 HP
Manifold

Manifold 140 bar - M300

Approvals / CE marking

VdS [1] G300002 | UL LISTED [1),2)] | FM APPROVED [1),3)] | CE [1)] 0786-CPD-30009

[1)] VdS, UL, FM and CE for the integrated check valve KRV-1

[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_2 HP and CO_2 HP LCP (UL-File EX27301)

[3)] Part of the system approval:
- Oxeo PR LCP: IG-01, IG-100 (FM23FPUS0031)
- Oxeo CF LCP: IG-01, IG-100, IG-541 (FM23FPUS0179)
- CO_2 HP LCP (FM23FPUS0180)

SAP designation
e.g. part no. 885301: Manifold CO_2 DN50- 2-M300

Maintenance
see technical description manifold CO_2 DN50-..-M300
part no. 918374

Designation		Part no.	Inlets	Weight kg (lbs)
Manifold 140 bar - M300	DN50 - 2	885301	2	4.9 (10.8)
	DN50 - 3	885302	3	7.3 (16.9)
	DN50 - 4	885304	4	9.8 (21.61)

Technical data
Type .....SAR CO_2 DN50-M300
Operating medium .....CO_2, argon, nitrogen, IG-55, IG-541
Nominal diameter pipe DN50
check valve DN12
Working pressure .....140 bar (2030 psi)
Test pressure .....210 bar (3045 psi)
Temperature range .....-20 °C to +50 °C (-4 °F to 122 °F)
Marking after pressure test .....acc. to MXA 008
Screw coupling .....gas tight
Finish manifold .....powder coated RAL7011 - iron grey
Thread and check valve .....without colour

Product sheets also applying
Check valve KRV-1 .....see manifold

Application
The manifold 140 bar - M300 may only be used in accordance with system approval in:
- stationary CO_2 high pressure fire extinguishing systems
- argon, nitrogen, IG-55, IG-541 extinguishing systems with ConstantFlow (CF).

They are mounted directly on the cylinder rack to connect every extinguishing agent cylinder with the pipework.

Performance features
The manifolds are manufactured with two to eight inlets.
A maximum of 16 inlets can be assembled at random.
Each inlet is equipped with a check valve which releases the extinguishing agent in flow direction and prevents the flow in the opposite direction.

Included in delivery
Manifold complete with check valve
Technical description manifold 140bar M300 (de) 886318
Technical description manifold 140bar M300 (en) 918374
Technical description check valve KRV-1 (de/en) 886309

Not included in delivery
Cap KRV-2 .....see manifold

214-220_001 / AI05 / 2024-Apr-12 / en
The contents of this publication are subject to modifications without notice. All rights reserved.

Trusted above all.

Viking S.A. | 21, Z.I. Haneboesch | L-4562 Differdange/Niederkorn | www.viking-emea.com

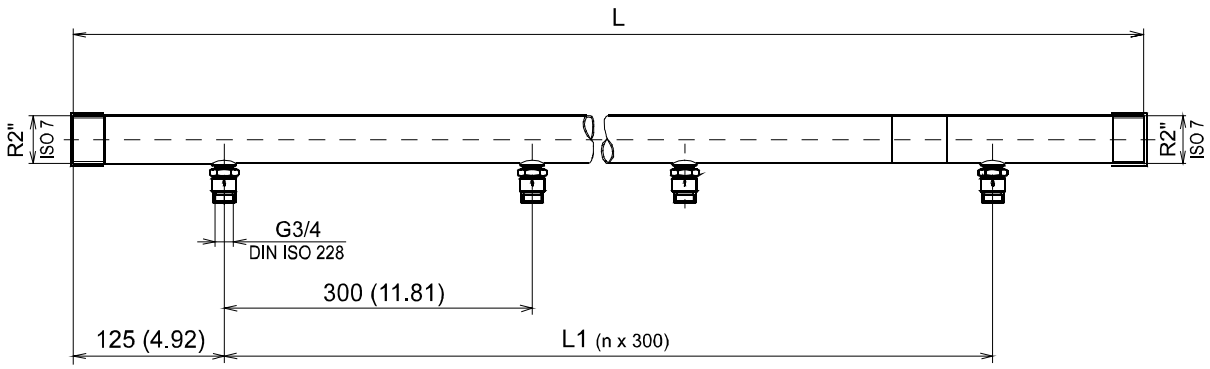
Extinguishing technology CO_2 HP

Manifold

Manifold 140 bar - M300

Dimension drawing

Dimensions in **mm (inch)**



Features	L	Number of distances n	L_1 (n x 300)
DN50 - 2	550 (21.65)	1	300 (11.81)
DN50 - 3	850 (33.46)	2	600 (23.62)
DN50 - 4	1150 (45.28)	3	900 (35.43)

214-220_001 / AI05 / 2024-Apr-12 / en
The contents of this publication are subject to modifications without notice. All rights reserved.

Trusted above all.

Viking S.A. | 21, Z.I. Haneboesch | L-4562 Differdange/Niederkorn | www.viking-emea.com