



Inert gas extinguishing technology

Ad-on part cylinder

Release device electrical QRV



Approvals / CE marking



- 1) In conjunction with quick release valve QRV
- 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 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)
 - CO₂ HP LCP (FM23FPUS0180)

SAP designation

part no. 914027: Release device electrical QRV

Maintenance

see technical description release device electrical QRV
part no. 915152

Designation	Part no.	Weight
Release device electrical QRV	914027	1.09 kg (2.40 lbs)

Technical data

Operating voltage 19 - 28 V DC
 Nominal voltage24 V DC
 Nominal current max. 0,5 A
 Duration of connection 100 % duty ratio
 Diagnostic current20 mA
 Temperature range:

- According to VdS and CE .-20 °C to +50 °C (-4 °F to 122 °F)
- During transport and storage .-20 °C to +65 °C (-4 °F to 149 °F)

Electrical connection:

- Connector plug according to DIN EN 175301-803 form A
 electrical connector 3 pole + ground (type GDME 3013)
- Cable cross section max. 1,5 mm²
- Cable gland PG13,5
- Class of insulation material according to VDE 0580 F
- IP codeIP65

Material / Surface

Housingbrass, steel nickel-plated
 SealsNBR
 Permanent magnetNd-Fe-B
 Further parts steel, stainless steel,
 brass, copper, plastic

Marking

Manufacturer part no. F1120001
 Manufacture date JJJJ/WW
 Nominal voltage / nominal current24VDC / 0,5 A
 Torque25Nm±2
 Minimax part no. 914027

Application

The release device is used for the electrical operation of quick release valves of type QRV-TD (see cylinder valve).
 One extinguishing agent cylinder valve each can be opened electrically by applying of the nominal voltage.

Functional description

The release device is used for the electrical actuation of a type QRV quick release valve. By applying voltage to the release device, the force stored in a spring pack is suddenly released. In this case, a plunger activates the pilot valve integrated in the quick release valve and vents the up-per pressure chamber. This pressure drop causes the pressure in the extinguishing container to push the closing piston into an open position. This in turn causes the quick release valve to open. The "Manual release device QRV" can be installed additionally on the electrical release device.

Note

The electrical actuation signal must be present for at least 5 seconds.

Included in delivery

Release device electrical QRV
 technical description release device electrical QRV
 part no. 915152

Not included in delivery

Reset tool release device QRV 934652, PS 211-720_006
 Release device manual QRV 914028, PS 211-210_010



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Dimension drawing

Dimensions in mm (inch)

