

## Disable Device Complete (Optional)



### Approvals / CE marking



1) Listed system covered by UL-File EX15997 ( SFFECO Prime FK, SFFECO Prime 227)

2) Part of the system approval:

- Oxco PR LCP, IG-01, IG-100
- Carbon Dioxide Extinguishing System CO<sub>2</sub> Low Pressure
- SFFECO Prime FK, SFFECO Prime 227

### SAP designation

part no. 878070: Disable device complete

### Maintenance

see technical description disable device complete part no. 878069

Designation	Part no.	Weight
Disable device complete	878070	0.8 kg (1.8 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)  
Nominal diameter .....DN6  
Connection threads .....M12 x 1.5  
Temperature range .....-30 °C to +80 °C  
Connection .....cone for 6 mm steel pipe  
Disable device .....complies with EN 12094-6  
CE conformity .....acc. to Construction Products Regulation (EU)  
.....No. 305/2011

### Application

The disable device may only be used in accordance with system approval in stationary IG-01, IG-100, IG-55, IG-541, CO<sub>2</sub>, FK-5-1-12 and HFC-227ea extinguishing systems. The disable device is corresponding to the German information DGUV 205-006 (Working in oxygen-reduced atmospheres), a non electrical disable device to lock extinguishing fire system. It prevents the extinguishing agent to be released in the extinguishing area. For repair or maintenance work in the protected area, when the system can be activated unintentionally or people can not leave the area within the pre - warning time, the extinguishing system must be blocked.

### Functional description

The ball valve enables the pilot pipe to be shut off. At the same time the pilot pipe is vented to preclude an uncontrolled rise of pressure. When the system is in normal operation the ball valve is locked with a padlock in the eyelet so that the marking „Betrieb“ (operation) is visible.

To block the pilot pipe, the padlock is removed and the handle of the ball valve turned clockwise to the stop. The ball valve is then locked in position by fastening the padlock in the eyelet so that the marking „Blockiert“ (isolation) is visible. The resetting of the ready status is carried out in reversed order so that the marking "Betrieb" (operating) is visible again. For monitoring the operating and isolation position a limit switch for every position must be mounted (not included in delivery).

### Included in delivery

Disable device type DN6 .....885375  
Padlock .....131777  
Retainer shuttle valve .....873497  
2x Cap nut M 6-LA3C .....173959  
2x Progressive ring DPR 6-L/S-A3D .....208208  
Technical description disable device complete .....878069  
as well as fastening material

### Not included in delivery

The following must be ordered separately for monitoring of each ball valve position:  
Limit switch type ZS 256-11Z .....828482, PS 211-430\_004  
2x Cheese-head screw DIN84-M4x25-brass .....106745  
2x Washer DIN125-B 4,3 brass .....109734

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### Dimension drawing

Dimensions in mm (inch)

