

# XOMOX®

## Technische Dokumentation Technical Documentation



### **XOMOX®** **Fully lined Sight Flow Indicator DIN** **Type G101**

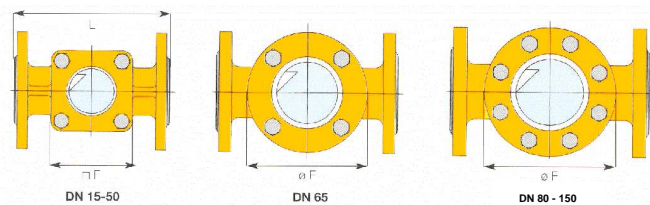
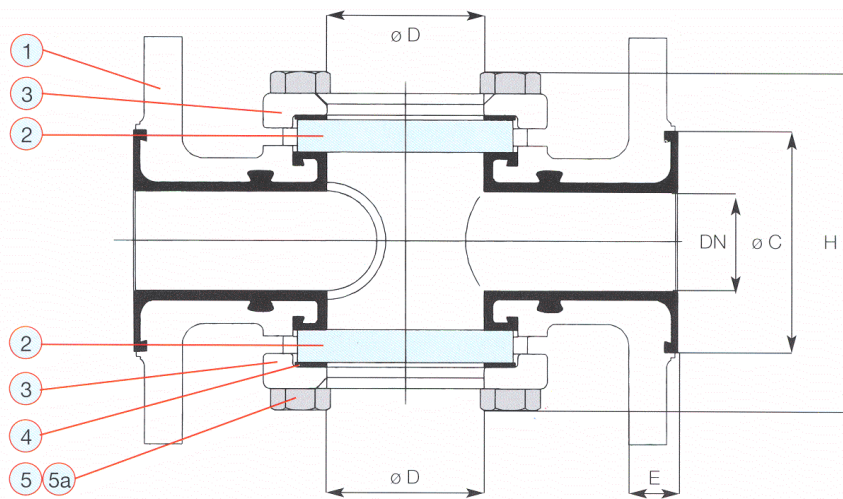
## Design Features & Benefits

- Reliable and safe visual indication of fluid flow on any corrosive service
- Designed to DIN standard DIN 3237-2
- Excellent corrosion resistant lining materials  
A special drip lip guarantees immediate flow identification on low pressure flow applications.
- Easy visual quality control and inspection
- No product retention when installed vertically
- Stress-free mounted MAXOS safety glass acc. to DIN 7080-16
- Extended operating pressure range: 16 bar
- High quality castings in ductile iron EN-JS 1049 (GGG 40.3, 0.7043)
- Excellent diffusion and corrosion resistance of fluorocarbon lining material (PFA)  
Depending on the application requirements the 3mm thick lining material can either be virgin PFA (fluorocarbon plastic resins).
- FDA-approved, high-quality lining material
- Protective AY-PUR coating effectively prevents external corrosion.  
XOMOX sight flow indicators are protected against atmospheric corrosion by high-quality acryle-polyuretane coating.

## Field of Application

- Corrosive services in chemical and petrochemical plants
- Pharmaceutical plants
- Food and beverage processing

## Technical Details



## Dimensions

| DN  | L   | ØD  | H   | ØC  | E    | F     | Weight in kg |
|-----|-----|-----|-----|-----|------|-------|--------------|
| 15  | 130 | 32  | 102 | 43  | 16.5 | □ 70  | 4            |
| 25  | 160 | 48  | 121 | 63  | 19.5 | □ 85  | 5            |
| 40  | 200 | 65  | 151 | 84  | 21   | □ 110 | 10           |
| 50  | 230 | 80  | 176 | 100 | 23   | □ 120 | 14           |
| 65  | 290 | 80  | 176 | 119 | 24   | Ø 175 | 19           |
| 80  | 310 | 100 | 200 | 134 | 27.5 | Ø 190 | 22           |
| 100 | 350 | 125 | 258 | 154 | 28   | Ø 210 | 25           |
| 150 | 480 | 170 | 360 | 210 | 34   | Ø 285 | 86           |

## Materials of Construction

| Item            | Qty. | Part   | Material                      |
|-----------------|------|--------|-------------------------------|
| 1               | 1    | Body   | EN-JS1049 (0.7043, GGG 40.3)  |
| 2               | 2    | Glass  | Borosilicate acc. to DIN 7080 |
| 3               | 2    | Cover  | EN-JS1049 (0.7043, GGG 40.3)  |
| 4               | 2    | Spacer | Asbestos-free XOMAT 9001      |
| 5: DN 15 - 65   | 4    | Screws | A4-70                         |
| 5a: DN 80 - 150 | 8    | Screws | A4-70                         |

## Pressure-Temperature-Ratings (valid for EN-JS1049 / PFA)

| Temperature in °C  | - 10 | 0  | 60 | 80 | 100 | 120 | 140 | 160 | 180 |
|--------------------|------|----|----|----|-----|-----|-----|-----|-----|
| Operating pressure | 16   | 16 | 16 | 16 | 16  | 16  | 15  | 14  | 12  |

ASME - versions (Type G102) on request.

More product options, materials and sizes on request.

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