

# Checklist SF<sub>6</sub>-Gas Density Monitors (NCS 100 / 4")

**Required Information:**

**Description** (compare configuration DS 1902)

**Position of the connection**  bottom  back  lateral right  lateral left

**Position plug-connector**  right  back

**Rear flange**  yes  no

**Front flange**  yes  no

**Connection thread**  G½B  G¾B  M 20x1.5  or .....

**Configuration / Case Filling**

unfilled  filled with silicone oil  filled with nitrogen

**Pressure Range**

-0.1 / +0.9 MPa  other unit .....  other pressure range (min. 0.25 MPa).....

**Compensated Temperature Range**

-20 / +60 °C (-4 / +140 °F)  -40 / +40 °C (-40 / +104 °F)  or .....

**Application for**

100 % SF<sub>6</sub>  mixture SF<sub>6</sub>/N<sub>2</sub> containing: ..... % SF<sub>6</sub>

**Calibration Pressure Pc (in the range of 30 - 60 % of the pressure range)**

**MPa**  0.3  0.35  0.4  0.45  0.55  or .....

**Filling Pressure Pf**

**MPa**  0.4  0.45  0.5  0.6  or .....

**Contact Assembly**

**2 contacts**  switching points close at dropping pressure

	Ps1	Ps2	(MPa)
	0.3	0.3	<input type="checkbox"/>
	0.35	0.35	<input type="checkbox"/>
	0.35	0.3	<input type="checkbox"/>
	0.4	0.35	<input type="checkbox"/>
	0.45	0.45	<input type="checkbox"/>
	0.45	0.4	<input type="checkbox"/>
	0.55	0.5	<input type="checkbox"/>
others	.....	....	<input type="checkbox"/> (min. distance from Ps1 to Ps2 0.2 bar)

**3 contacts**  switching point Ps3 closes at dropping pressure Ps2 = Ps3

switching point Ps3 closes at rising pressure Ps3 = .....

**Dial Inscription**

- multi-coloured scale
- values of Pf, Pc, Ps1, Ps2, Ps3 if specified
- SF<sub>6</sub>-gas
- cl. 1.0 = 20 °C (68 °F)
- cl. 2.5 = compensated temperature range
- setting temp. 20 °C (68 °F)
- non-inductive
- U<sub>max</sub> = 250 V
- P<sub>max</sub> = 30W/50 VA (2 contacts)
- P<sub>max</sub> = 20W/30 VA (3 contacts)
- MT logo
- Made in Germany

**Customer Specified Printing**

additional company logo .....

additional marks .....

