

Checklist

SF₆ Gas Density Monitors (NCS 100 / 4")



Heading 1

Construction Type (see drawings in data sheet 1902)

Position of connection bottom back lateral right lateral left

Position plug connector right back

Back flange yes no

Front flange yes no

Connection thread G 1/2 B G 3/8 B M20x1.5 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)

Temperature Compensation Range

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

Application for

100 % SF₆ mixture SF₆/N₂ containing: % SF₆

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 when pressure decreases

	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 when pressure decreases Ps2 = Ps3

switching point Ps3 closes when pressure increases Ps3 =

Dial Inscription

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

Customer-specific Inscription

additional company logo

additional markings