



part number  
nominal voltage  
manufacture date  
Made in Germany

testing value table (operating values)

scale (bar)	0	1	2	3	4	5
compared resistance (Ω)	10	48	82	116	151	184
deflection angle (°)	0	16	34	57.5	76	88

- front ring : triangular black RAL 9005
- dial face : ground black RAL 9005, imprint white RAL 9010
- pointer : red MM 317
- pointercenter : black RAL 9005
- glas panel : plano, anti-reflection
- housing : chromated
- bracket : chromated
- knurled nut : chromated
- range : 0 ... 5bar
- scale tolerance : ±3.6° in the upper two-thirds of measuring range at +20°C and testing voltage of 25.2V
- nominal voltage : 24V
- operating voltage : 20.0 ... 28.0V
- illumination : bulb 24V 3W BA 7S
- operating temperature : -25 ... +60°C
- storage temperature : -40 ... +65°C (max. 90°C max. 1h)
- plug-and-socket-connection : blade terminal A 6.3x0.8 DIN 46244
- protection level : IP54
- marking : connection diagramm at the housing

connection diagramm  
G : sensor  
+ : voltage  
- : ground

pos.	ind.	kind of modification	date	name

**MOTOMETER** date **18.07.16**  
sig. **Augustin**  
rev.   
for dimensions without tolerance pass.  
indication: DIN ISO 2768 mittel  
customer number:   
description:  
**pressure gauge**  
**ø52mm 24V**  
scale: - drawing number:  
**644 001 1033**