



part number  
massefrei  
nominal voltage  
manufacture date

- front ring : triangular black RAL 9005
- dial face : ground black RAL 9005
- pointer : imprint white RAL 9010
- pointercenter : red MM 317
- glas panel : black RAL 9005
- housing : plano, anti-reflection
- bracket : chromated
- knurled nut : chromated
- range : 40 ... 120°C
- 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

testing value table (operating values)

scale (°C)	40	80	100	120
compared resistance (Ω)	287.4	69.1	38.5	22.7
deflection angle (°)	0	30	64	90


pos.	ind.	kind of modification	date	name
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substitute for drawing no. 641 011 7019 from 28.07.08

<b>MOTOMETER</b>	date	20.04.15
	sig.	Augustin
	rev.	
for dimensions without tolerance indication: DIN ISO 2768 mittel	pass.	

customer number:

description:

**temperature gauge**  
40 ... 120°C ø52mm 24V off earth

scale:	drawing number:
-	641 011 7019