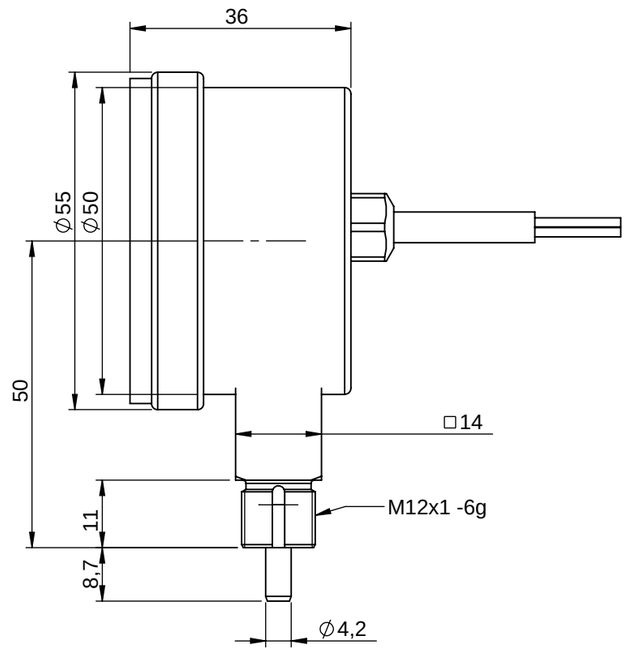

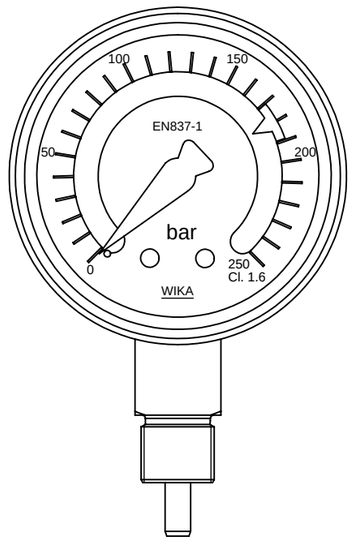

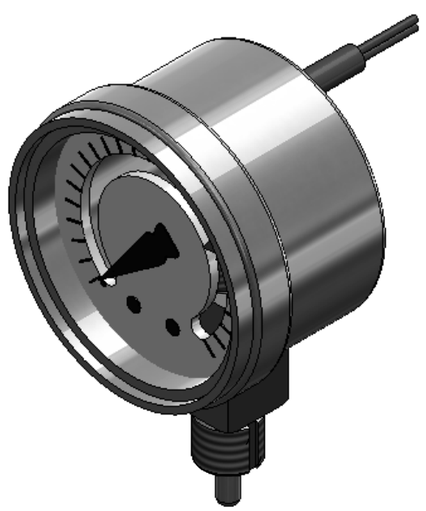

Pressure range: 0-250bar
Switch contact: 180bar
a **Switching mode: without pressure -->**
contact open (NO)
pressure above switchpoint -->
contact closed
Switch point tolerance: Ñ2.5% (full scale value)

Pressure gauge with alarm
Type: PGS 21.050
Applications:
Å Gas pressure monitor for use in high-pressure fire-fighting systems acc. EN12094-10 (VdS / CE)
Å to display and monitor the tank pressure and to report losses of container contents
Å General industry application

Accuracy class 1.6
Nominal size: 50mm
Ingress protection: IP65 to EN60529 / IEC 529
Connection: FiWaRec thread, brass, radial,
Electrical connection M10x1
Cable: 2-core, 1m length, wire size 0.14 mm¦
Cable end sleeves on both sides
c PVC coated
(VDE0482, part 265/2/1 IEC60332-1)
Case: stainless steel
Pressure element: copper alloy
Movement: copper alloy
Dial: aluminium white
Pointer: black plastic
Window: plycarbonate
Helium leakage test: leak rate 10 -5 mbar l / sec

Electrical data:
Switching voltage: 4.5 V ... 24VDC/VAC
Switching current: 5 .... 10mA
Contact load: max. 2.4 W
Potential-free

Pressure limitation:
Steady: 3 / 4 x full scale value
Fluctuating: 2 / 3 x full scale value
Short time: full scale value

Operating temperatures:
Ambient: -20 ... +60 ÁC
Medium: +60 ÁC maximum

Approval:
CE according to EN12094-10

Allgemeintoleranzen nach DIN ISO 2768-1 m	Toleranzen für Form und Lage nach DIN ISO 2768-2 H	Alle unbemaßten Kanten und Radien: R0,2	Gewicht:	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS

Index	Änderung	Beschreibung der Änderung	Name	Datum
c	13013	Textänderung	ML	04.02.13
b	12068	Indexanpassung	ML	21.11.12
a	11083	Textänderung	ML	08.11.11

Material:

Titel: Kontaktmanometer

FiWaRec Valves & Regulators
Industriepark Region Trier
Europa-Allee 12
54343 Föhren
Deutschland
+49 (0)6502 93 95 12 0

Datum: 09.12.10
Name: M. Lorig
Gepr.:

A3

DWG NO. F0530002

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