

Overview

- For corrosive gases and liquids
- Class 1.6 according to EN 837-1
- Wetted parts: Stainless steel
- Case with crimped bezel ring



Picture similar



Technical data

Housing

Nominal size	63 mm
Case material	Stainless steel 1.4301 / AISI 304
Type of housing	Crimped bezel (option 0133 mandatory)
Bezel ring material	Stainless steel 1.4301 / AISI 304
Window material	Polycarbonate
Window gasket	Elastomer
Protection rating (EN 60529)	IP65
Dial	White, Aluminium
Pointer	Black, Aluminium
Movement material	Stainless steel
Safety according to EN 837-1	S1, with window polycarbonate or Laminated safety glass

Temperature

Ambient temperature	-20°C ... +70°C
Storage temperature	-40°C ... +70°C
Media temperature	-40°C ... +200°C (not filled)

Wetted parts

Process connection material	Stainless steel 1.4404 / AISI 316L
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Wetted parts

Bourdon tube	Stainless steel 1.4404 / AISI 316L
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Performance

Accuracy according to EN 837-1	Class 1.6
Min. measuring range	0 ... 1 bar
Max. measuring range	0 ... 400 bar
Type of pressure	Gauge Compound Vacuum
Pressure limitation	Steady: 75 % of full scale value Fluctuating: 65 % of full scale value Short time: 100 % of full scale value
Thermal drift (reference: +20 °C)	± 0.4 % FS/10K

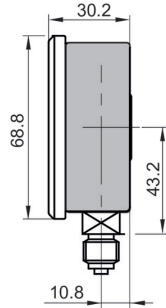
Weight

Gauge	130 g unfilled 180 g filled
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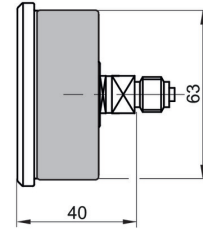
Approval / Conformities

ATEX	Ex II 2 GDC-IM2c
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Dimensional drawings (mm)



Type D crimped version



Type F crimped version

Measuring ranges

Code	Bar	
B72	-1 ...	0.6
B74	-1 ...	1.5
B76	-1 ...	3
B77	-1 ...	5
B79	-1 ...	9
B81	-1 ...	15
B82	-1 ...	24
B15	0 ...	1
B16	0 ...	1.6
B18	0 ...	2.5
B19	0 ...	4
B20	0 ...	6
B22	0 ...	10
B24	0 ...	16
B26	0 ...	25
B27	0 ...	40
B29	0 ...	60
B31	0 ...	100
B33	0 ...	160
B35	0 ...	250
B38	0 ...	400

Code	kPa	
D72	-100 ...	60
D74	-100 ...	150
D76	-100 ...	300
D77	-100 ...	500
D79	-100 ...	900
D81	-100 ...	1 500
D82	-100 ...	2 400
D15	0 ...	100
D16	0 ...	160
D18	0 ...	250
D19	0 ...	400
D20	0 ...	600
D22	0 ...	1 000
D24	0 ...	1 600
D26	0 ...	2 500
D27	0 ...	4 000
D29	0 ...	6 000
D31	0 ...	10 000
D33	0 ...	16 000
D35	0 ...	25 000
D38	0 ...	40 000

Code	kg/cm ²	
F72	-1 ...	0.6
F74	-1 ...	1.5
F76	-1 ...	3
F77	-1 ...	5
F79	-1 ...	9
F81	-1 ...	15
F82	-1 ...	24
F15	0 ...	1
F16	0 ...	1.6
F18	0 ...	2.5
F19	0 ...	4
F20	0 ...	6
F22	0 ...	10
F24	0 ...	16
F26	0 ...	25
F27	0 ...	40
F29	0 ...	60
F31	0 ...	100
F33	0 ...	160
F35	0 ...	250
F38	0 ...	400

Code	psi	
H73	-30" Hg ...	15
H75	-30" Hg ...	30
H2C	-30" Hg ...	60
H78	-30" Hg ...	100
H79	-30" Hg ...	150
H81	-30" Hg ...	220
H82	-30" Hg ...	300
H15	0 ...	15
H1C	0 ...	20
H17	0 ...	30
H19	0 ...	60
H21	0 ...	100
H22	0 ...	160
H23	0 ...	200
H25	0 ...	300
H26	0 ...	400
H27	0 ...	600
H30	0 ...	1 000
H31	0 ...	1 500
H34	0 ...	3 000
H38	0 ...	6 000

Ordering reference

Ordering key - Configuration possibilities see website

	MEX3	-	#	#	#	.	###
Product	MEX3						
Case							
Case 1.4301 (304), bottom connection						D	
Case 1.4301 (304), back connection						F	
Process connection							
G 1/4							2
1/4 NPT							5
Damping fluid							
without							0
BH1, Glycerin 86 %							1
BH2, Glycerin 99 %							2
BH3, Silicone oil							3
Measuring range⁽¹⁾							
bar (EN)							Bxx
kPa (EN)							Dxx
MPa (EN)							Exx
kg/cm ² (EN)							Fxx
psi (ANSI)							Hxx
bar/psi (EN)							Kxx
psi/bar (ANSI)							Sxx
psi/kPa (ANSI)							Vxx
kPa/psi (EN)							Wxx
mbar (EN)							Nxx

(1) Available standard measuring ranges, see table in section Measuring ranges. For ranges not listed, please contact Bourdon.

Ordering example

	MEX3	-	D	2	0	.	B20	/	0133
Product	MEX3								
Case									
Case 1.4301 (304), bottom connection							D		
Process connection									
G 1/4									2
Damping fluid									
without									0
Measuring range									
0 ... 6 bar (EN)									B20
Type of housing									
Rolled housing									0133

Options

Rolled housing ⁽¹⁾	0133	2.2 Certificate	Q002
ATEX II2GDc T6-IM2c ⁽²⁾	0078	3.1 Material certificate	Q003
Laminated safety glass	0751	3.1 Calibration certificate 5 pts (rising)	Q008
Restrictor screw 0,3 mm	0769	3.1 Calibration certificate 5 pts (EN837)	Q009
2.1 Certificate	Q001		

(1) Mandatory option

(2) Only with laminated safety glass window