

Contact pressure gauges vertical Ø 100/160 mm stainless steel/brass Class 1.0

Pressure gauge with two switch contacts (magnetic quick contacts), 1 NC contact, 1 NO contact
Materials: Housing: AISI 304, measuring system and indicator: Cu-alloy (AISI 316L for pressures ≥ 100 bar), window: Polycarbonate
Connection thread: G 1/2"***

Housing	Connection
INOX	Brass

Dual contact:

1. Contact opens when exceeding the setpoint
2. Contact closes when exceeding the setpoint (clockwise)



No. 21 (standard)

Class: 1.0

Temperature range: Environment: -20°C to max. +60°C, measured material: Max. +80°C

Protection class: IP 54

The switch function 21 is the one most commonly used. Should this not be as per your requirements, we request you to enquire with us. Further functions can be found at the next page.

Type Ø 100	Type Ø 160	Scale graduation	Display range
---	MSK -1160/21 CR*	0.02	for vacuum -1/0 bar
MSK -106100/21 CR	---	0.05	for vacuum -1/0.6 bar
---	MSK -11,5160/21 CR	0.05	for vacuum -1/1.5 bar
---	MSK -15160/21 CR	0.1	for vacuum -1/5 bar
---	MSK 1160/21 CR*	0.02	0/1 bar
MSK 1,6100/21 CR	MSK 1,6160/21 CR	0.05	0/1.6 bar
MSK 2,5100/21 CR	MSK 2,5160/21 CR	0.05	0/2.5 bar
MSK 4100/21 CR	MSK 4160/21 CR	0.1	0/4 bar
MSK 6100/21 CR	MSK 6160/21 CR	0.1	0/6 bar
MSK 10100/21 CR	MSK 10160/21 CR	0.2	0/10 bar
MSK 16100/21 CR	MSK 16160/21 CR	0.5	0/16 bar
MSK 25100/21 CR	MSK 25160/21 CR	0.5	0/25 bar
MSK 40100/21 CR	MSK 40160/21 CR	1	0/40 bar
MSK 60100/21 CR	MSK 60160/21 CR	1	0/60 bar
MSK 100100/21 CR	MSK 100160/21 CR	2	0/100 bar
MSK 160100/21 CR	MSK 160160/21 CR	5	0/160 bar
MSK 250100/21 CR	MSK 250160/21 CR	5	0/250 bar
MSK 400100/21 CR	MSK 400160/21 CR	10	0/400 bar
MSK 600100/21 CR	MSK 600160/21 CR	10	0/600 bar

Adjusting spanner as spare part

MSK SCHLUSSEL

* class 2.5, ** with centring pin for profiled seal



Stainless steel safety contact pressure gauges vertical Ø 100 mm Class 1.0

Pressure gauge with two switch contacts (magnetic quick contacts) for extra safety in line with S 3 EN 837-1 (DIN 16006) with blow-out back and unbreakable baffle wall

Materials: Housing: AISI 304, measuring system and connection: AISI 316L, window: Laminated safety glass

Connection thread: G 1/2"***

Housing	Connection	Window
INOX	INOX	S

Dual contact:

1. Contact opens when exceeding the setpoint
2. Contact closes when exceeding the setpoint



No. 21 (standard)

Class: 1.0

Temperature range: Environment: -20°C to max. +60°C, measured material: Max. +200°C

Protection class: IP 65

The switch function 21 is the one most commonly used. Should this not be as per your requirements, we request you to enquire with us. Further functions can be found at the bottom of this page

Type INOX	Scale grad.	Display range	Type INOX	Scale grad.	Display range
MSK 1,6100/21 ES	0.05	0/1.6 bar	MSK 40100/21 ES	1	0/40 bar
MSK 2,5100/21 ES	0.05	0/2.5 bar	MSK 60100/21 ES	1	0/60 bar
MSK 4100/21 ES	0.1	0/4 bar	MSK 100100/21 ES	2	0/100 bar
MSK 6100/21 ES	0.1	0/6 bar	MSK 160100/21 ES	5	0/160 bar
MSK 10100/21 ES	0.2	0/10 bar	MSK 250100/21 ES	5	0/250 bar
MSK 16100/21 ES	0.5	0/16 bar	MSK 400100/21 ES	10	0/400 bar
MSK 25100/21 ES	0.5	0/25 bar	MSK 600100/21 ES	10	0/600 bar

Adjusting spanner as spare part

MSK SCHLUSSEL

* with centring pin for profiled seal

Adjusting spanner as spare part

MSK SCHLUSSEL



More switching options with contact pressure gauges

Single contact



No. 1
Contact closes when exceeding the setpoint.



No. 2
Contact opens when exceeding the setpoint.



No. 3
The contact switches over (changer), i.e. the contact opens and closes when exceeding the setpoint.

Double contact



No. 11
The 1st and 2nd contact close when exceeding the setpoints.



No. 12
The 1st contact closes when exceeding the setpoints, the 2nd contact opens when exceeding the setpoints.



No. 21 (standard design)
The 1st contact opens when exceeding the setpoints; the 2nd contact closes when exceeding the setpoints.

Double contact



No. 22
The 1st and 2nd contact open when exceeding the setpoints.

Triple contact



No. 212
The 1st contact opens, the 2nd contact closes, the 3rd contact opens when the setpoints are exceeded.

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.