

## Contact pressure gauge

### • Contact pressure gauge without diaphragm:



**Typ 6001/7911: Ø100mm bottom**  
**Typ 6011/8011: Ø100mm back**  
**Typ 6211/8111: Ø160mm bottom**  
**Typ 6411/8211: Ø160mm back**  
 Range : 0÷1bar up to 0÷1000bar,  
 positive / negative values;  
 Accuracy:  $\pm 1.6\% \leq 1.6\text{bar} / \pm 1.0 > 1.6\text{bar}$ ;  
 Case: stainless steel;  
 Thread connection: G1/2B, option other;  
 Pressure connection: brass < 1000bar,  
 stainless steel over 1000bar;  
 Measuring element: Bourdon tube,  
 brass < 40bar, stainless steel > 40bar;  
 Number of contacts:  
 - from 1 bar each 2 magnetic snap-  
 action and inductive alarm contacts at  
 1,6 bar 2 magnetic snap-action or 3  
 inductive alarm contacts from 4 bar 4  
 magnetic snap-action contacts;  
 Protection: IP54 → 6001/6011/6211/6411  
 otherwise IP65;  
 Cable connection: PG 13.5 socket;  
 Filling oil → 7911/8011/8111/8211;  
 Operating temperature: -25÷80°C  
 Option can deliver with diaphragme;

**Typ 3512/3612: Ø100mm bottom**  
**Typ 3712/3812: Ø100mm back**  
**Typ 3912/4012: Ø160mm bottom**  
**Typ 4112/4212: Ø160mm back**  
 Domeniu : 0÷1bar up to 0÷1600bar,  
 positive / negative values;  
 Accuracy:  $\pm 1.6\% \leq 1.6\text{bar} / \pm 1.0 > 1.6\text{bar}$ ;  
 Case: stainless steel;  
 Thread connection: G1/2B, option other;  
 Pressure connection: stainless steel;  
 Measuring element: stainless steel,  
 Bourdon tube < 40bar, helical tube over;  
 Number of contacts :  
 - from 1 bar each 2 magnetic snap-  
 action and inductive alarm contacts at  
 1,6 bar 2 magnetic snap-action or 3  
 inductive alarm contacts from 4 bar 4  
 magnetic snap-action contacts;  
 Protection: IP54 → 3512/3712/3912/4112  
 otherwise IP65;  
 Cable connection: PG 13.5 socket;  
 Filling oil → 3612/3812/4012/4212;  
 Operating temperature: -25÷80°C  
 Option can deliver with diaphragme;

**Typ 6850/6851: Ø100mm bottom**  
 Range : 0÷1.6bar până la 0÷100bar  
 positive / negative values;  
 Accuracy:  $\pm 1.0$ ;  
 Material carcasă : inox;  
 Thread connection: G1/2B, option other;  
 Pressure connection: stainless steel;  
 Measuring element: Bourdon tube,  
 stainless steel;  
 4÷20mA → 2 wire, sau 0÷20mA → 3 wire;  
 Protection: IP54 → 6850, IP65 → 6851;  
 Cable connection: PG 13.5 socket;  
 Power supply : 10÷30Vdc;  
 Response time : ~50ms;  
 Filling oil → 6851;  
 Operating temperature: -20÷100°C  
 Option can deliver with diaphragme;

### • Contact pressure gauge with diaphragm



**Typ 6511/8311/4312/4412: Ø100mm**  
**Typ 6611/8411/4512/4612: Ø160mm**  
 Case : stainless steel;  
 Thread connection: G1/2B, option other;  
 Pressure connection: stainless steel;  
 Pressure element: elastic element  
 stainless steel;;

Range:  
 0÷25/0÷250mbar for flange Ø160mm: 6511/8311/6611/8411  
 0÷16/0÷250mbar for flange Ø160mm: 4312/4412/4512/4612  
 0÷0,4/0÷40bar for flange Ø100mm, negative/positive pressure;  
 Accuracy:  $\pm 1.6\%$ ,  $\pm 2,5\%$  → 0÷25/0÷100mbar;  
 Magnetic contact : 1÷4 contacts;  
 Inductive contact : 1÷3 contacts ;  
 Protection: IP 54: 6511/4312/6611/4512  
 IP 65: 8311/4412/8411/4612  
 Operating temperature: -20÷100°C  
 Filling oil: 8311/4412/8411/4612;