

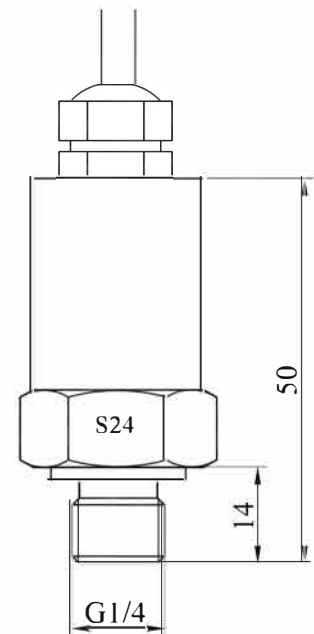
# PX-U series

## Economic ceramic piezo-resistance pressure transmitter

Pressure transmitter in stainless steel.  
ASIC technique with digital compensation  
provide unmatched performance and  
price ratio. CE and RoHS approved.



| Technical data                |  |
|-------------------------------|--|
| Measuring range               | 0-3, 0-6, 0-16 bar *   |
| Overload pressure             | 1,5 times rated pressure   |
| Failure pressure              | 3 times rated pressure   |
| Accuracy                      | 1 %  |
| Operating temp                | -40...100°C  |
| Compensating temp             | -10...80°C   |
| Medium compatibility          | All corrosive medium compatible<br>with 1Cr18Ni9Ti and ceramic                     |
| Signal output                 | 0-10V *  |
| Power supply                  | 12-30V VDC   |
| Load resistance               | >4,7 KOhm  |
| Insulation                    | >100 MOhm @ 50V  |
| Cable                         | 2m   |
| Protection class              | IP67   |
| Pressure Connection           | G1/4" *  |
| Response time                 | 10ms   |
| Pressure form                 | Gauge *  |
| Electromagnetic compatibility | Electromagnetic radiation: EN50081-1/-2<br>electromagnetic sensitivity: EN50082-2; |



| Wiring, output 0-10V |            |
|----------------------|------------|
| Power V+             | Red        |
| GND                  | Black      |
| Signal Output        | Green/Blue |
| Shield               | Yellow     |

\* Others on request

Order code:

**P X – U – 006 – B – 1 – 2M**

003: 0-3 bar, 006: 0-6 bar, 016: 0-16 bar