

# ELECTRICAL FEATURES

- Wiring diagram: three-wire execution
- Switch logic: normally open (solid state relay output)
- Sensor type: PNP (current sourcing)
- Voltage range: 10-28 V DC
- Switching current intensity: 80 mA max
- Power: 2 W max
- Consumption: 10 mA, 24 V DC max
- Voltage drop LED: 1.5 V max
- Leakage current: 0.05 mA max
- Indicator: red LED: unstable detection / green led: stable detection
- Cable: diameter 2, 8, 2C, PUR
- Operating frequency: 1000 Hz
- Magnet requirements: 85 Gauss
- Temperature range: 10 - 60 °C
- Shock: 50 G
- Vibration: 9 G
- Housing classification IEC 60529 IP67
- Protection circuit: 2, 3, 4

# FEATURES AND APPLICATIONS

The PSWX proximity sensor detects the piston position of pneumatic cylinders with magnetic pistons.

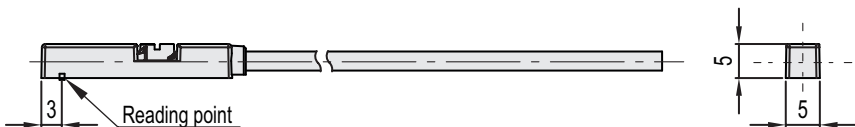
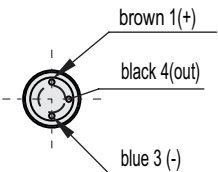
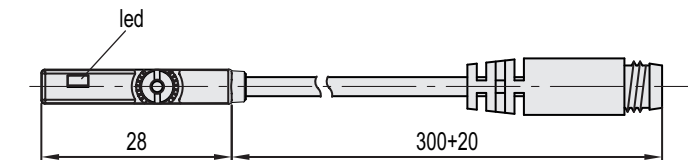
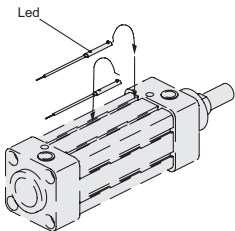
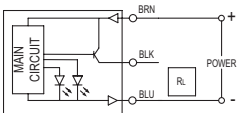
In the pneumatic series, the clamps are equipped with magnetic cylinders which, equipped with the relative proximity switches, provide electrical command and/or control pulses while they are working.

For installation, the sensor is inserted from the top into the cylinder groove.

The lateral fixing ribs prevent it from falling. A quarter turn of the fixing screw quickly and reliably locks the sensor into the groove.



Proximity switch



| Code     | Description   | ⚖  | PPC                          | PPD                            | PPE                              | PVB                                  | PVD                                | PVE                      | PFB                          |
|----------|---------------|----|------------------------------|--------------------------------|----------------------------------|--------------------------------------|------------------------------------|--------------------------|------------------------------|
| GG.AU570 | PSWX.32-40-50 | 40 | PPC.1000-EPM<br>PPC.2000-EPM | PPD.1000-EPVM<br>PPD.2000-EPVM | PPE.LPV1<br>PPE.LPV2<br>PPE.LPV3 | PVB.75/130/<br>230/330/<br>430-AP/EP | PVD.75/130/<br>230/330-APV/<br>EPV | PVE.230/330<br>APVS/EPVS | PFB.70/360/<br>1100/2100/SP4 |