FEATURES

- **0...35 mbar to 0...17 bar gage or differential**
- **High impedance bridge**
- **Miniature package**
- **Different pinning configurations**
- **Usable for wet/wet applications[1]**

MEDIA COMPATIBILITY[1]

All media compatible with

port 1: - polyetherimide
- silver-filled silicone
- silicon nitride

port 2: - polyetherimide
- EPDM, neoprene or silicone
- silicon

SPECIFICATIONS

(supply voltage, temperature limits, lead temperature, humidity limits, mechanical shock, proof pressure...)

AND

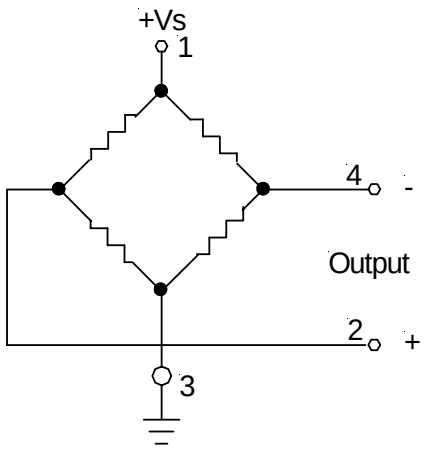
PRESSURE SENSOR CHARACTERISTICS

(V_s=10.0 ±0.01 V, t_{amb}=25°C, unless otherwise noted)

⇩

see individual data sheets for 24PC or 26PC series

ELECTRICAL CONNECTION



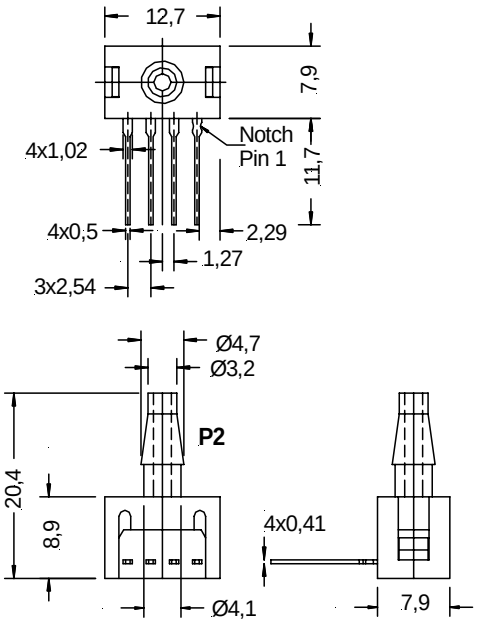
Specification notes:

1. P1 of all "gage" devices are normally vented to atmosphere. P1 and P2 of differential devices might be used for "wet-wet" applications, but the media must be compatible with the materials specified under "MEDIA COMPATIBILITY".

OUTLINE DRAWINGS *FOR GAGE DEVICES*

2xPCxxxxG6Bx

(Barbed, pinning 1 x 4)

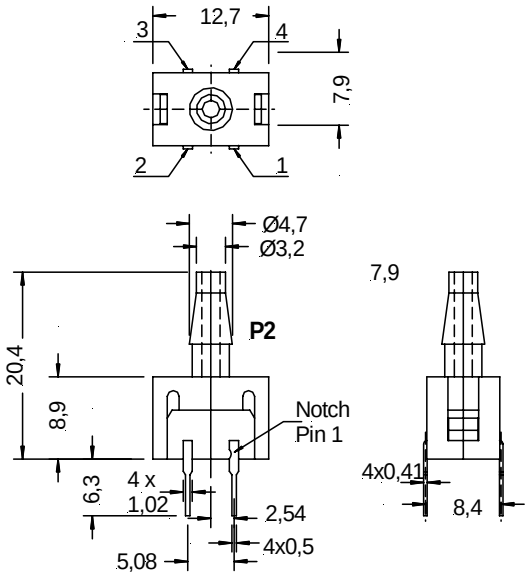


mass: 2 g

dimensions in mm

2xPCxxxxG2Bx

(Barbed, pinning 2 x 2)



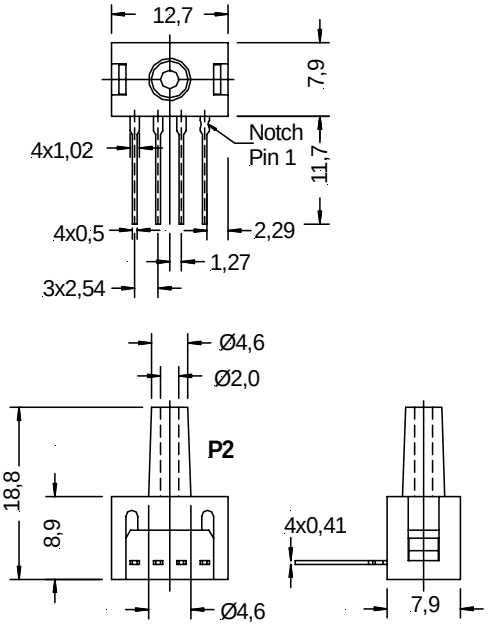
mass: 2 g

dimensions in mm

OUTLINE DRAWINGS *FOR GAGE DEVICES*

2xPCxxxxG6Cx

(Luer, pinning 1 x 4)

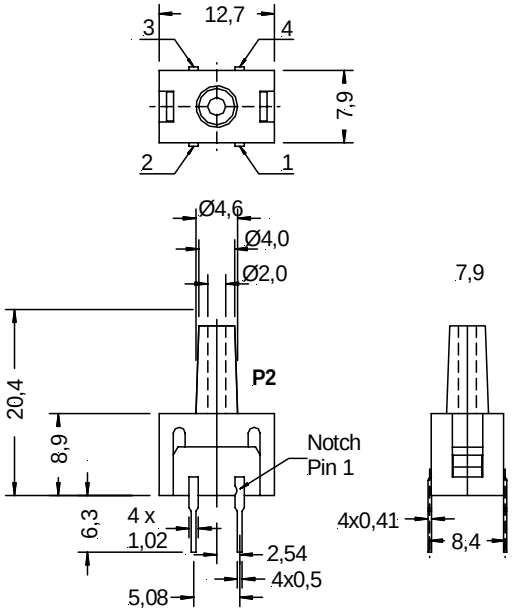


mass: 2 g

dimensions in mm

2xPCxxxxG2Cx

(Luer, pinning 2 x 2)

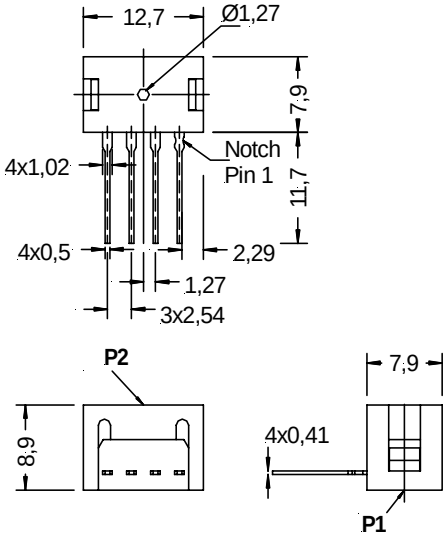


mass: 2 g

dimensions in mm

OUTLINE DRAWINGS *FOR GAGE DEVICES*

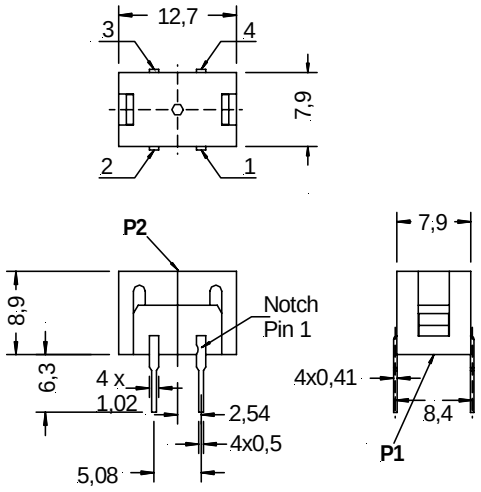
2xPCxxxxG6Dx
(Modular, pinning 1 x 4)



mass: 2 g

dimensions in mm

2xPCxxxxG2Dx
(Modular, pinning 2 x 2)



mass: 2 g

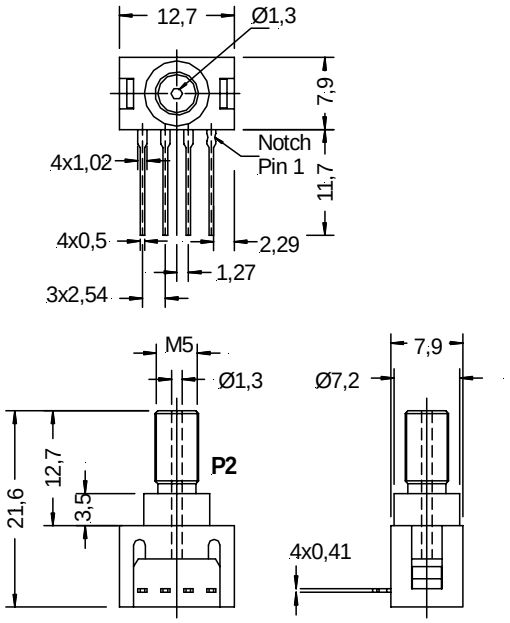
dimensions in mm

OUTLINE DRAWINGS *FOR GAGE DEVICES*

2xPCxxxxG6Hx

(M5 thread, pinning 1 x 4)

Tightening torque[3]:
Max. 67 Ncm



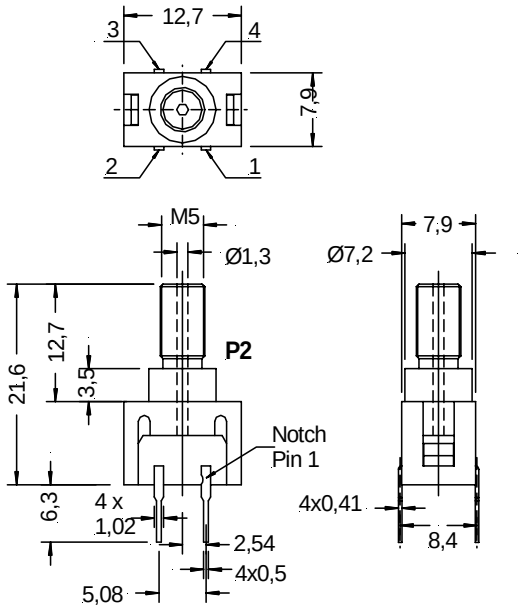
mass: 2 g

dimensions in mm

2xPCxxxxG2Hx

(M5 thread, pinning 2 x 2)

Tightening torque[3]:
Max. 67 Ncm



mass: 2 g

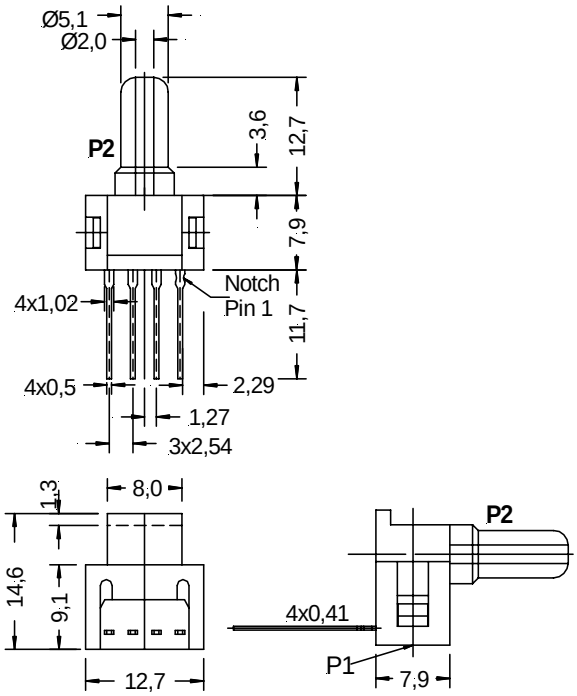
dimensions in mm

Specification note:

3. Recommended O-ring: Ø 3,68 x 1,78, SH70,
   recommended counter bore dimensions: Ø 7,62 x 1,02 deep

OUTLINE DRAWINGS *FOR GAGE DEVICES*

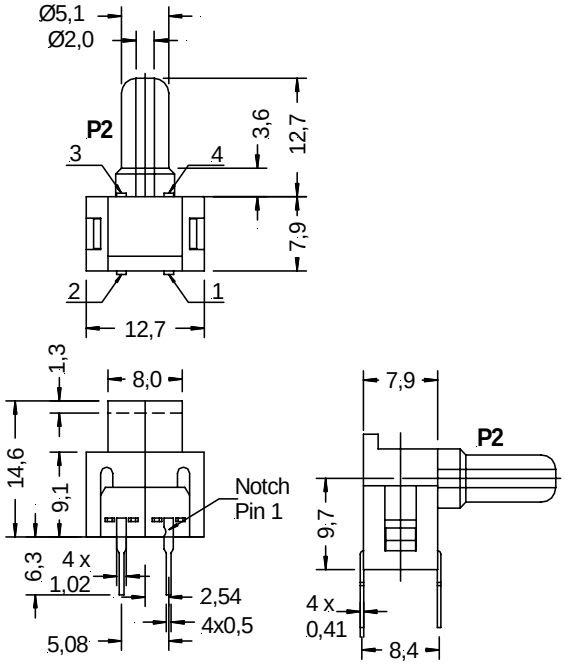
2xPCxxxxG6Ix
(90° port, pinning 1 x 4)



mass: 2 g

dimensions in mm

2xPCxxxxG2Ix
(90° port, pinning 2 x 2)

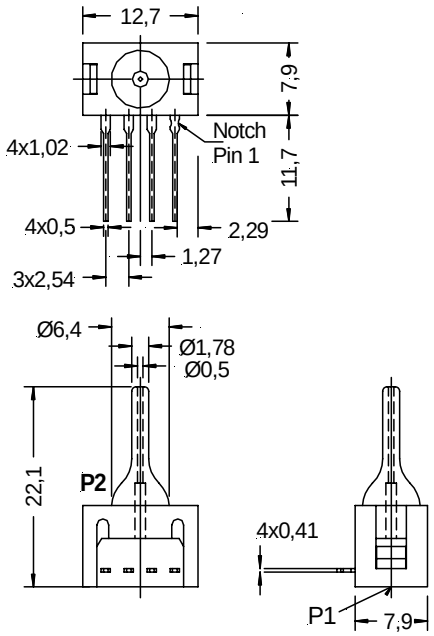


mass: 2 g

dimensions in mm

OUTLINE DRAWINGS *FOR GAGE DEVICES*

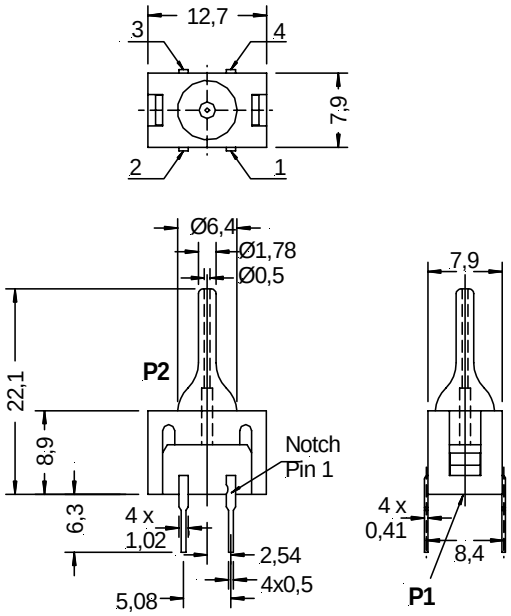
2xPCxxxxG6Jx
(Needle, pinning 1 x 4)



mass: 2 g

dimensions in mm

2xPCxxxxG2Jx
(Needle, pinning 2 x 2)



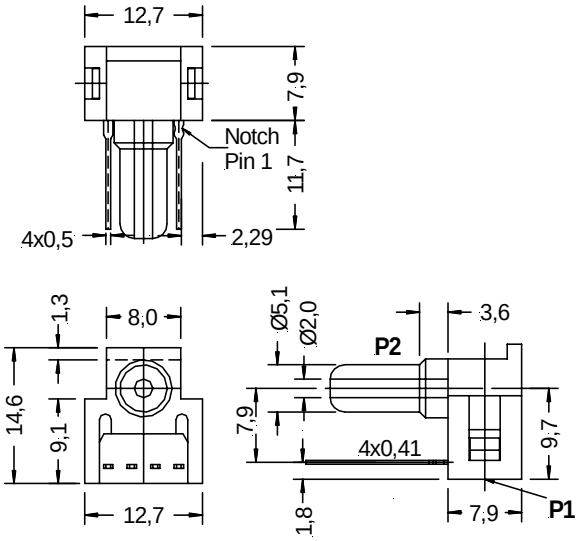
mass: 2 g

dimensions in mm

OUTLINE DRAWINGS *FOR GAGE DEVICES*

2xPCxxxxG6Kx

(Inverse 90° port, pinning 1 x 4)

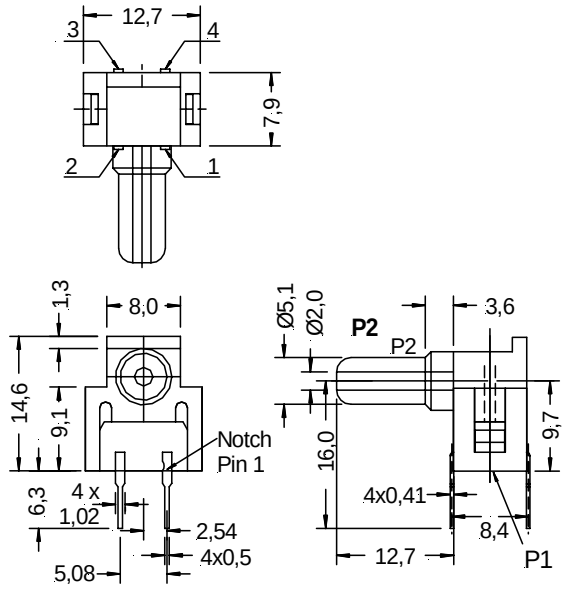


mass: 2 g

dimensions in mm

2xPCxxxxG2Kx

(Inverse 90° port, pinning 2 x 2)



mass: 2 g

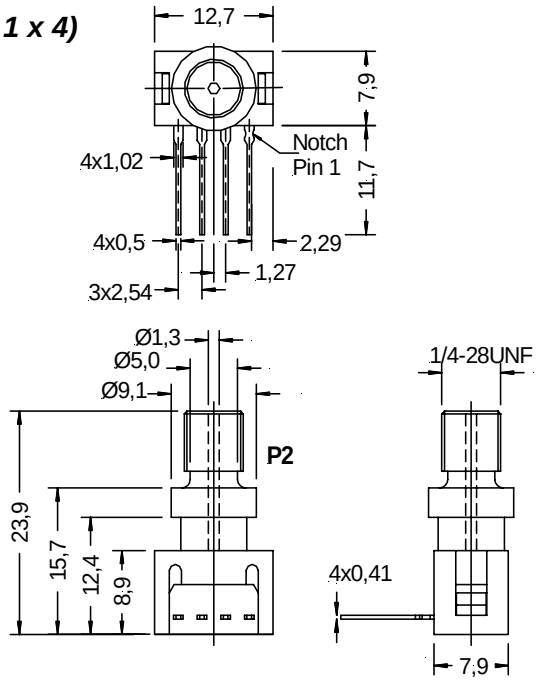
dimensions in mm

OUTLINE DRAWINGS *FOR GAGE DEVICES*

2xPCxxxxG6Mx

(¼-28 UNF thread, pinning 1 x 4)

Tightening torque[3]:
Max. 135 Ncm



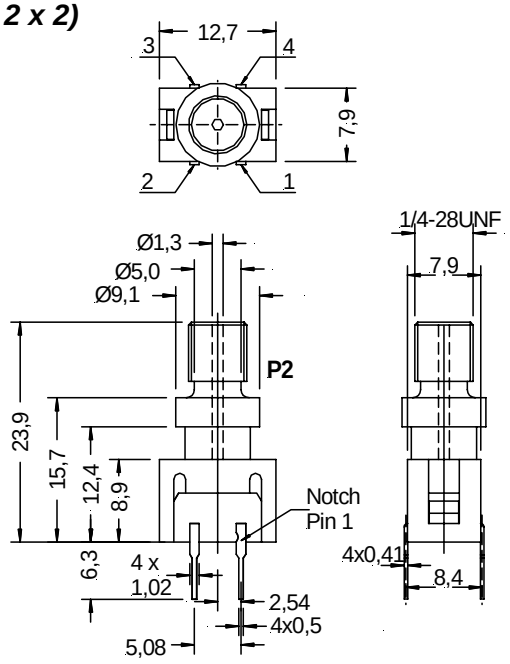
mass: 2 g

dimensions in mm

2xPCxxxxG2Mx

(¼-28 UNF thread, pinning 2 x 2)

Tightening torque[3]:
Max. 135 Ncm



mass: 2 g

dimensions in mm

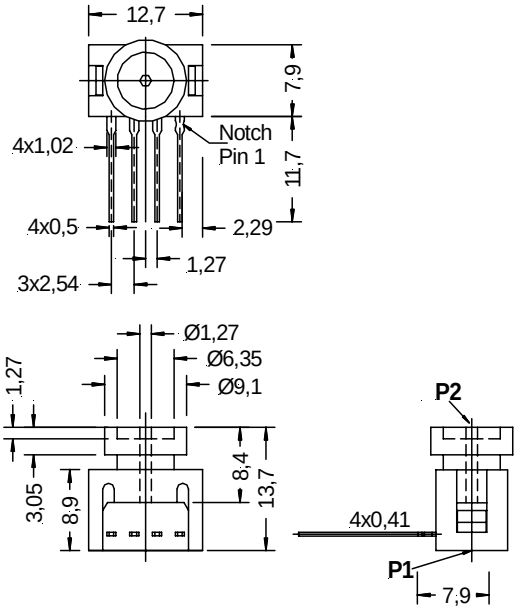
Specification note:

3. Recommended O-ring: Ø 5,28 x 1,78, SH70,
   recommended counter bore dimensions: Ø 9,14 x 1,78 deep

OUTLINE DRAWINGS *FOR GAGE DEVICES*

2xPCxxxxG6Sx

(Manifold, pinning 1 x 4)

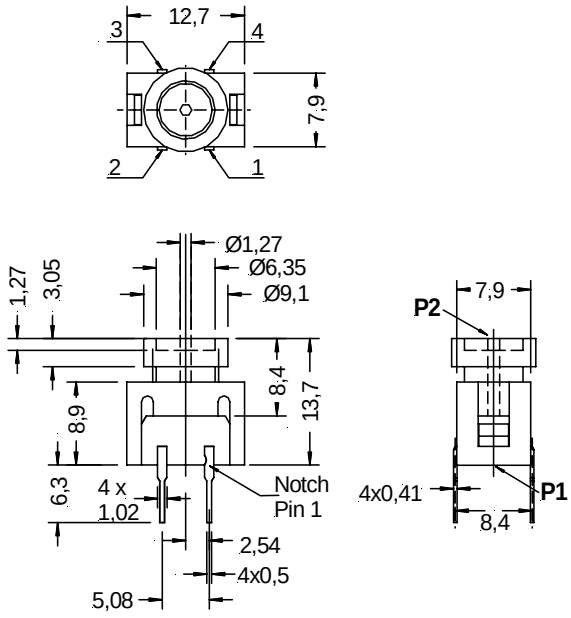


mass: 2 g

dimensions in mm

2xPCxxxxG2Sx

(Manifold, pinning 2 x 2)

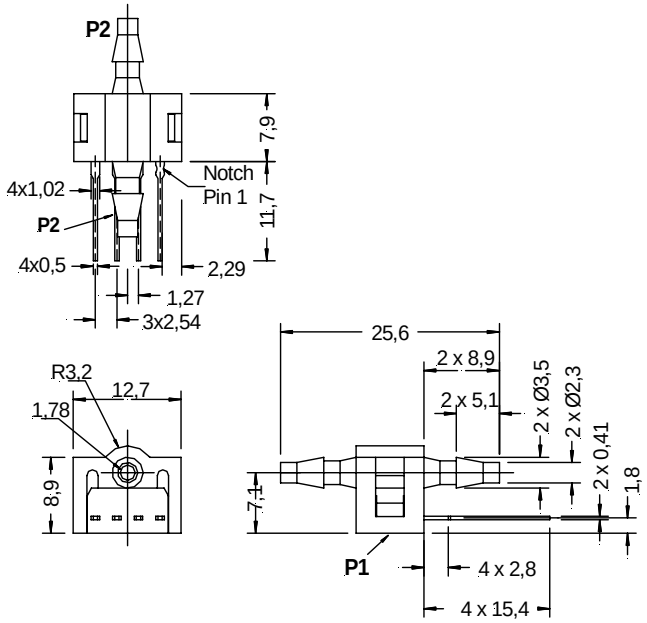


mass: 2 g

dimensions in mm

OUTLINE DRAWINGS *FOR FLOW THROUGH HOUSINGS*

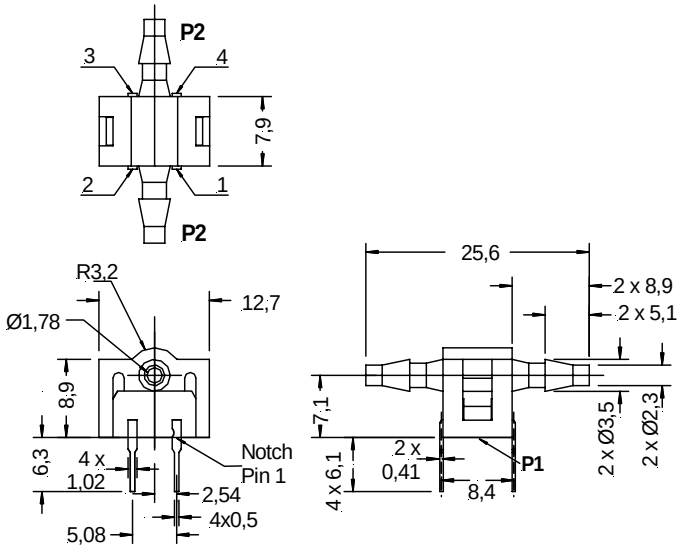
2xPCxxxxG6Gx
(Barbed, pinning 1 x 4)



mass: 2 g

dimensions in mm

2xPCxxxxG2Gx
(Barbed, pinning 2 x 2)



mass: 2 g

dimensions in mm

24PC/26PC Specials

Pressure sensors with special fittings and sealings

Honeywell

ORDERING INFORMATION

2x PC xxxx x x x x

P2 sealing material
- E: EPDM
- N: Neoprene
- S: Silicone

Pressure port
- **B:** Barbed
- **C:** Luer
- **D:** Modular
- **G:** Small flow through
- **H:** M5 thread
- **I:** 90° port
- **J:** Needle
- **K:** Reverse 90° port
- **M:** 1/4"-28UNF w/o cable lock
- **S:** Manifold

Pinning
- 2: dual inline pinning, 2 x 2 (not available for differential devices)
- 5: wire harness (available for flow through sensors only)
- 6: single inline pinning, 1 x 4

4: non compensated
6: compensated

Pressure range

0035:	0 - 0.5 psi (34.5 mbar)
0070:	0 - 1 psi (69 mbar)
0350:	0 - 5 psi (345 mbar)
1000:	0 - 15 psi (1034 mbar)
2000:	0 - 30 psi (2068 mbar)
7000:	0 - 100 psi (6.9 bar)
17K0:	0 - 250 psi (17.2 bar)
0050:	0 - 50 mbar
0100:	0 - 100 mbar
0250:	0 - 250 mbar
01K0:	0 - 1 bar
02K0:	0 - 2 bar
05K0:	0 - 5 bar
10K0:	0 - 10 bar
16K0:	0 - 16 bar

Pressure mode
- D: differential pressure
- G: gage pressure

Note: Not all combinations are available ex stock. Minimum order quantities might be required. Please contact your nearest Sensortechnics sales representative for further information.