

FNC PR22 Series



Features

- MEMS technology
- Small & compact housing
- Stainless steel housing
- Large temperature
- High reliability
- Gauge measuring
- Ceramic thick film integrated piezoresistive technology

Application

- Pneumatic, hydraulic, medical equipment
- Air compressors
- Refrigeration systems
- Domestic small appliances
- Battery powered equipment

Technical data- Electrical Ratings

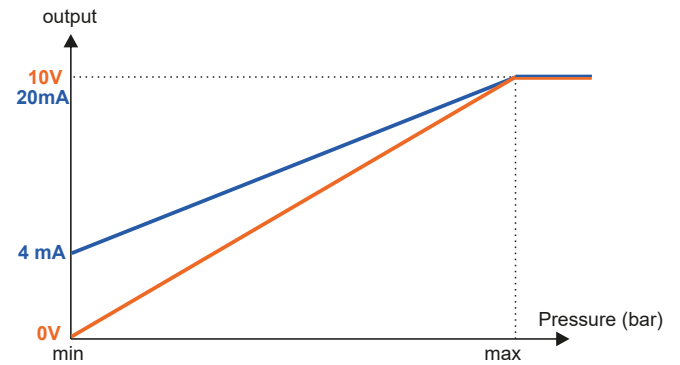
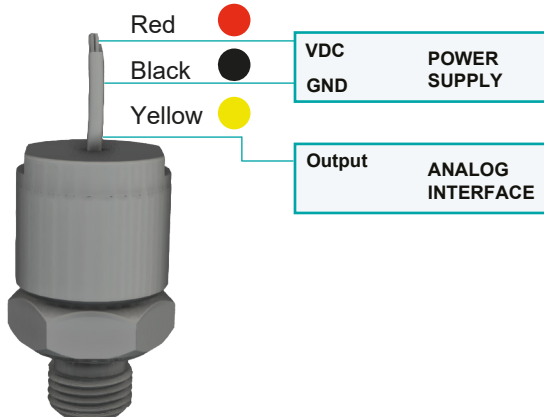
Measuring Range	0...2.5 to 0...600 bar
Output Signal	4...20mA, 0...5VDC 1...6VDC, 0...10VDC 0.5...4.5VDC ratiometer 1...6VDC, 0...10VDC
Accuracy type	$\leq \pm 0.3\%$ fs
Electrical Connection	1 meter cable
Precision	%1

Technical data- Mechanical Ratings

Mechanical Connection	M12X1,5
Housing	Stainless Steel
Operating Temperature	-40°C ... +150°C

Connection

Function		Color	Renk
+12...30 VDC		Red	Kırmızı
GND		Black	Siyah
Output		Yellow	Sarı

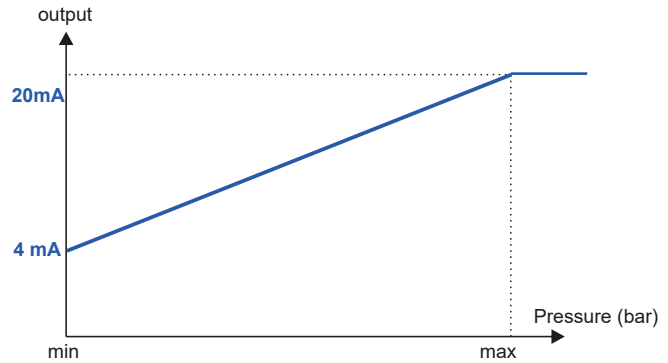
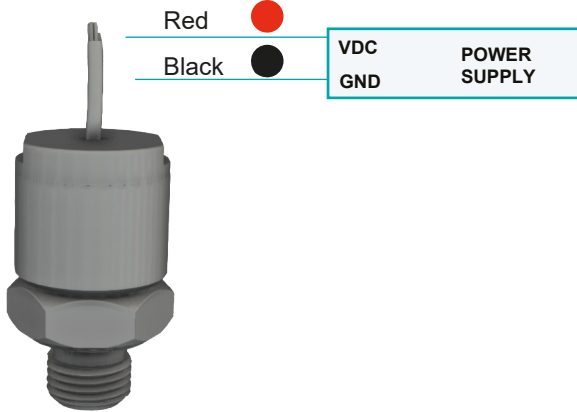


FNC PR22 Absolute Series

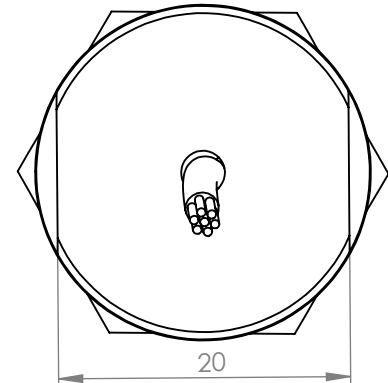
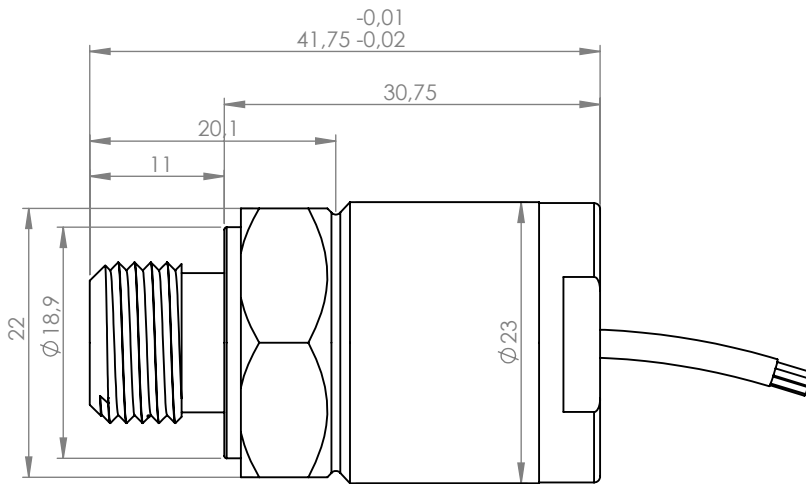
Connection

Function		Color	Renk
+12...30 VDC (4mA-20mA)		Red	Kırmızı
GND		Black	Siyah

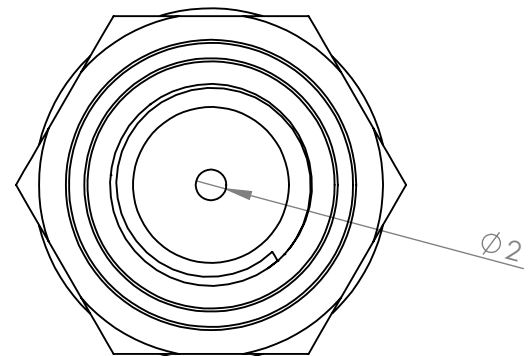
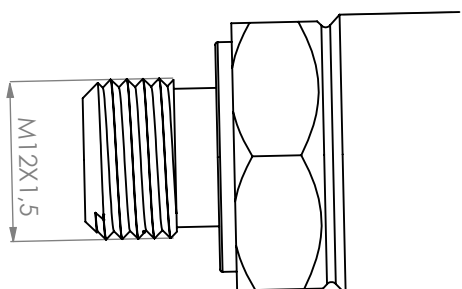
} Two wire current loop



Mechanical Dimensions



Mechanical Connection



Pressure sensor

Cable Wiring, Part Numer

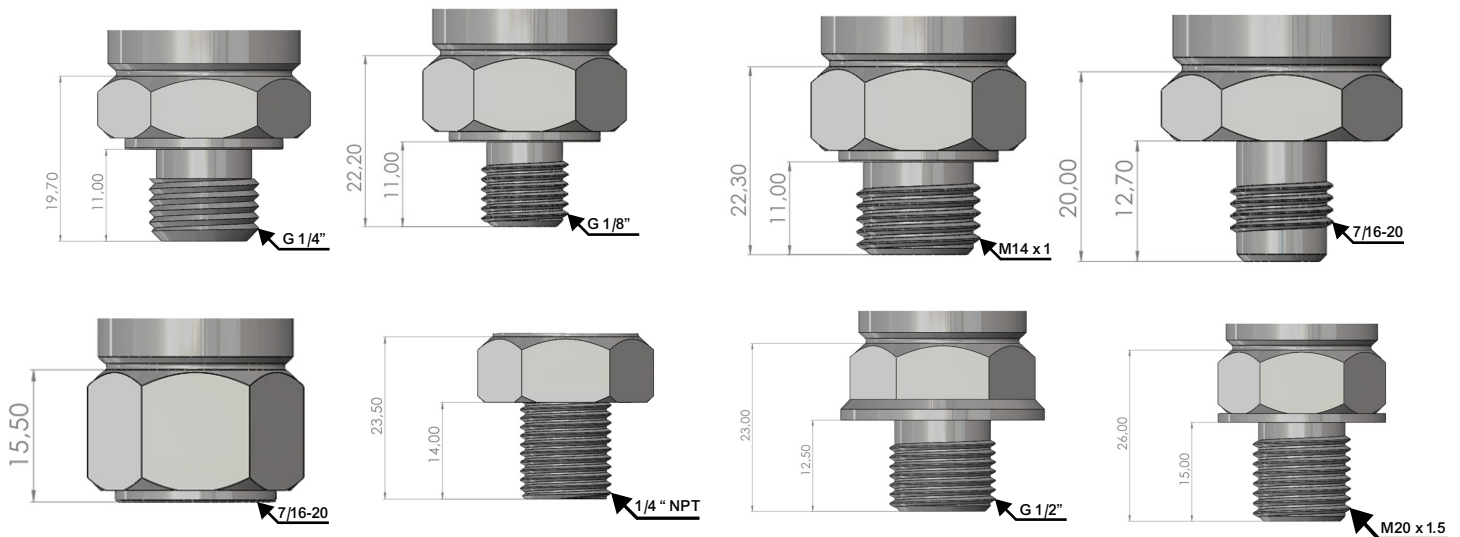


FNC PR22 Absolute Series

Measurement Range

Pressure Measurement	Burst Pressure	Pressure Measurement	Burst Pressure
0 - 2 bar	5 bar	0 - 50 bar	125 bar
0 - 5 bar	12.5 bar	0 - 100 bar	200 bar
0 - 10 bar	25 bar	0 - 200 bar	400 bar
0 - 20 bar	50 bar	0 - 400 bar	600 bar
0 - 30 bar	70 bar	0 - 600 bar	800 bar
0 - 40 bar	100 bar		

Mechanical Connection



Part Number

FNC PR G 22 M10 0010 V015

G : Gauge

Body Diameter
22: 22 mm
27: 27 mm

Mechanical Connection
M10: M10X1 Connection
M12X1.5: M12X1.5 Connection
G1/4: G1/4 Connection
G1/8: G1/8 Connection
G1/2: G1/2 Connection
M14: M14X1 Connection
NPT1/4: NPT1/4 Connection
NPT1/8: NPT1/8 Connection
NPT1/2: NPT1/2 Connection
M20X1.5: M20X1.5 Connection
7/16M: UNF7/16X20M Connection
7/16F: UNF7/16X20F Connection

Signal output

A420 : 4 - 20mA
V005 : 0 - 5VDC
V015 : 1 - 6VDC
V110 : 1 - 10VDC
V545 : 0.5 - 4.5VDC (ratiometric)

Pressure range

0002 : 0 - 2 bar
0005 : 0 - 5 bar
0010 : 0 - 10 bar
0020 : 0 - 20 bar
0030 : 0 - 30 bar
0040 : 0 - 40 bar
0050 : 0 - 50 bar
0100 : 0 - 100 bar
0200 : 0 - 200 bar
0400 : 0 - 400 bar
0600 : 0 - 600 bar