



TRANSDUCERS  
AND SENSORS  
PRESSURE  
TRANSDUCER

P499

ELECTRONIC PRESSURE TRANSDUCER

The P499 series is a new global pressure transducer with an excellent price performance ratio.

The P499 exceeds the latest industrial CE/UL requirements including surge protection, and is over voltage protected in both positive and reverse polarity.

The P499 is designed to produce a linear analogue signal based on the sensed pressure.

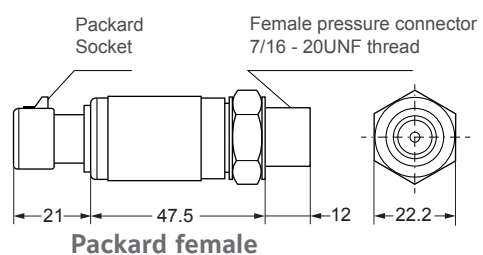
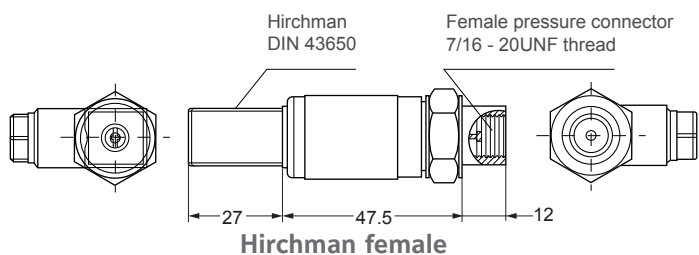
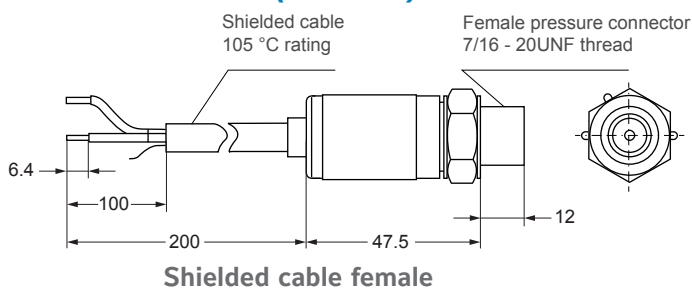
The pressure port is machined from a solid piece of 17-4PH stainless steel. There are no O-rings or welds that are exposed to the pressure media. This results in a leak proof ,all metal sealed pressure system which withstand more than 10 million pressure cycles without failure.



FEATURES

- Single-piece machined steel pressure port
- Environmentally sealed electronics
- Reliable, repeatable performance and long operating life
- Slender body design
- Available in several pressure ranges up to 50 bar.

DIMENSIONS (in mm)





## P499 - PRESSURE TRANSDUCER

### ORDERING INFORMATION

#### 2 METER CABLE CONNECTIONS MODELS

CODES	PRESSURE RANGE		PRESSURE PORT	OUTPUT
	Minimum Pressure (Pmin)	Maximum Pressure (Pmax)		
P499ABS-401C	-1 bar	8 bar	1/4" SAE Male	0.4 to 20 mA
P499ABS-404C	0 bar	30 bar		
P499ACS-401C	-1 bar	8 bar	1/4" SAE Female	
P499ACS-404C	0 bar	30 bar		
P499ACS-405C		50 bar		
P499VBS-401C	-1 bar	8 bar	1/4" SAE Male	
P499VBS-404C	0 bar	30 bar		
P499VCS-401C	-1 bar	8 bar	1/4" SAE Female	
P499VCS-404C	0 bar	30 bar		
P499VCS-405C		50 bar		

#### HIRSCHMANN DIN CONNECTOR

CODES	PRESSURE RANGE		PRESSURE PORT	OUTPUT
	Minimum Pressure (Pmin)	Maximum Pressure (Pmax)		
P499ABH-401C	-1 bar	8 bar	1/4" SAE Male	0.4 to 20 mA
P499ABH-402C		15 bar		
P499ABH-404C	0 bar	30 bar		
P499ACH-401C	-1 bar	8 bar	1/4" SAE Female	
P499ACH-402C		15 bar		
P499ACH-404C	0 bar	30 bar		
P499RCH-401C	-1 bar	8 bar	1/4" SAE Male	0.5 - 4.5 V Ratiometric
P499RCH-404C	0 bar	30 bar		
P499VBH-401C	-1 bar	8 bar	1/4" SAE Male	0 - 10 V
P499VBH-404C	0 bar	30 bar		
P499VCH-401C	-1 bar	8 bar	1/4" SAE Female	
P499VCH-404C	0 bar	30 bar		

P499 - PRESSURE TRANSDUCER



ORDERING INFORMATION

PACKARD CONNECTOR

CODES	PRESSURE RANGE		PRESSURE PORT	OUTPUT
	Minimum Pressure (Pmin)	Maximum Pressure (Pmax)		
P499ACP-401C	-1 bar	8 bar	1/4" SAE Female	0.4 to 20 mA
P499ACP-402C		15 bar		
P499ACP-403C	0 bar	30 bar		
P499ACP-404C		50 bar		
P499ACP-405C		50 bar		
P499RCP-401C	-1 bar	8 bar		0.5 - 4.5 V Ratiometric
P499RCP-402C		15 bar		
P499RCP-404C	0 bar	30 bar		
P499RCP-405C		50 bar		
P499VCP-404C		30 bar		0 - 10 V