



### **FEATURES**

- Heavy Industrial CE Approval
- 10 V/m EMI Protection
- Reverse Polarity Protection on Input
- Short Circuit Protection on Output
- Up to ±0.1% Accuracy
- Up to ±0.75% Total Error Band
- Compact Outline
- -40°C to +125°C Operating Temperature
- Weatherproof

### **APPLICATIONS**

- Industrial Process Control and Monitoring
- Advanced HVAC Systems
- Refrigeration Systems
- Automotive Test Stands
- Off-Road Vehicles
- Pumps and Compressors
- Hydraulic/Pneumatic Systems
- Agriculture Equipment
- Energy Generation and Management

# **U5200** Industrial Pressure Transducer

# **SPECIFICATIONS**

- High Accuracy
- Compact
- Variety of Pressure Ports and Electrical Configurations
- Optional Stainless-Steel Snubber
- CE Compliant and Weatherproof
- UL Certified
- Gage, Sealed, Absolute, Compound
- Expedite Configurations Available (10 Days)

The U5200 pressure transducers from the UltraStable line of MEAS, with their modular design, offer maximum flexibility for different configurations. This latest series features high accuracy and a quick turnaround for demanding commercial and heavy industrial applications. This series is suitable for measurement of liquid or gas pressure, even for difficult media such as contaminated water, steam, and mildly corrosive fluids.

The wetted material is made of 316L stainless steel and the transducer's durability is excellent with no organics exposed to the pressure media. The U5200 is weatherproof and exceeds the latest heavy industrial CE requirements including surge protection. The circuit is protected from reverse wiring at input and short circuit at output.

This product is geared to the OEM customer for low to mid volumes. MEAS stands ready to provide a custom design of the U5200 where the volume and application warrants. Additional configurations not listed are either available or possible. Please inquire for further information.



### STANDARD RANGES

Range (psi)	Range (Bar)	Gage	Sealed	Absolute	Compound
0 to 002	0 to .14	•	•	•	•
0 to 005	0 to .35	•	•	Х	•
0 to 015	0 to 001	•	•	•	•
0 to 030	0 to 002	•	•	•	•
0 to 050	0 to 3.5	•	•	•	•
0 to 100	0 to 007	•	•	•	•
0 to 150	0 to 010	•	•	•	•
0 to 200	0 to 014	•	•	•	•
0 to 300	0 to 020	•	•	•	•
0 to 500	0 to 035	•	•	•	•
0 to 01k	0 to 070	•	•	•	•
0 to 03k	0 to 200	•	•	•	•
0 to 05k	0 to 350	•	•	•	•
0 to 10k	0 to 700	•	•	•	•

Intermediate ranges available upon request.

### PERFORMANCE SPECIFICATIONS

### Ambient Temperature: 25°C (unless otherwise specified)

PARAMETERS	MIN	TYP	MAX	UNITS	NOTES
	-0.5		0.5	%F.S. BFSL	≤ 2psi @ 25°C
Accuracy	-0.25		0.25	%F.S. BFSL	> 2psi and ≤ 5psi @ 25°C
(RSS of linearity, hysteresis,	-0.1		0.1	%F.S. BFSL	> 5psi and ≤ 500psi @ $25^{\circ}$ C
and repeatability)	-0.25		0.25	%F.S. BFSL	> 500psi and ≤ 5000psi @ 25°C
	-0.75		0.75	%F.S. BFSL	> 5000psi @ 25°C
Isolation, Body to any Lead	100			MΩ	@500V <sub>DC</sub>
Dielectric Strength			2	mA	@500V <sub>AC</sub> , 1min
Pressure Cycles	1.00E+6			0~FS Cycles	
Proof Pressure	зX		20k psi	Rated	
Burst Pressure	4X		20k psi	Rated	
Long Term Stability (1 year)	-0.1		0.1	%F.S.	
	-1.25		1.25	%F.S.	≤ 2psi
Total Error Band	-1.0		1.0	%F.S.	> 2psi and ≤ 5psi
TOLAI EITOI DAITO	-0.75		0.75	%F.S.	> 5psi and ≤ 5000psi
	-1.25		1.25	%F.S.	> 5000psi
Compensated Temperature	-20		+85	°C	
Operating Temperature	-40		+125	°C	Except cable 105°C max
Storage Temperature	-40		+125	°C	Except cable 105°C max
Load Resistance $(R_L)$		$R_L > 100k$		Ω	Voltage Output
Load Resistance (RL)	< (Supply	Voltage -9V	) / 0.02A	Ω	Current Output
Current Consumption			5	mA	Voltage Output
Rise Time (10% to 90%)		<2ms (V	oltage Output); <	3ms (Current Output	); Without Snubber
Pressure Port Material		31	6L Stainless Stee	el; 316L Stainless St	eel Snubber
Shock	50	)g, 11msec ⊢	lalf Sine Shock pe	er MIL-STD-202G, M	lethod 213B, Condition A
Vibration		+20a. I	MIL-STD-810C, P	rocedure 514.2, Fig	514 2-2 Curve I

For custom configurations, consult factory.



### Notes

Compensated Temperature: The temperature range over which the product will produce an output proportional to pressure within the specified performance limits.

Operating Temperature: The temperature range over which the product will produce an output proportional to pressure but may not remain within the specified performance limits.

Storage Temperature: The temperature range over which the product can be stored safely in occasions without pressure applied or power input and remains rated performance. Beyond this temperature range may cause permanent damage to the product. All configurations are built with supply voltage reverse and output short-circuit protections.

### **CE Compliance**

EN 55022 Emissions Class A & B

IEC 61000-4-2 Electrostatic Discharge Immunity (8kV contact/15kV air)

IEC 61000-4-3 Radiated, Radio-Frequency Electromagnetic Field Immunity (10V/m, 80M-1GHz)

IEC 61000-4-4 Electrical Fast Transient Immunity (1kV)

IEC 61000-4-5 Surge Immunity (V+ to V-: ±2KV/42Ω; L to Case: ±1KV/12Ω; V- to V<sub>0</sub>: ±1KV/42Ω)

IEC 61000-4-6 Immunity to Conducted Disturbances Induced by Radio Frequency

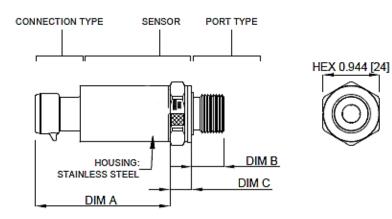
Fields (150K~80MHz, 10V level for voltage output models, 3V level for current output model)

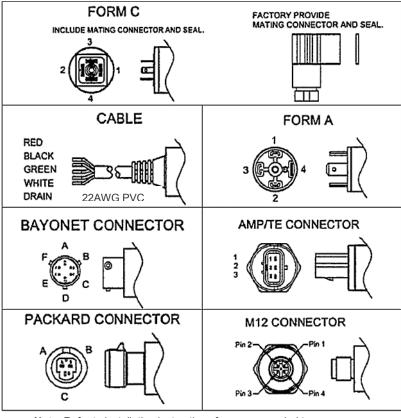
IEC 61000-4-9 Pulse Magnetic Field Immunity (100A/m peak)

For all CE compliance tests, max allowed output deviation ±1.5 %F.S.



# **DIMENSIONS [MM]**





Note: Refer to installation instructions for recommended torque.

CODE	CONNECTION TYPE	DIM A
1	CABLE 2 FT	2.19 [55.6]
E	CABLE 3 FT	2.19 [55.6]
2	CABLE 4 FT	2.19 [55.6]
3	CABLE 10 FT	2.19 [55.6]
4	PACKARD CONNECTOR A	2.25 [57.2]
5	BAYONET CONNECTOR	1.94 [49.3]
6	FORM C	1.95 [49.5]
7	FORM A	2.10 [53.3]
9	PACKARD CONNECTOR B	2.25 [57.2]
D	M12 CONNECTOR	1.95 [49.5]
М	CABLE 1 M	2.19 [55.6]
N	CABLE 2 M	2.19 [55.6]
Р	CABLE 5 M	2.19 [55.6]
R	CABLE 10 M	2.19 [55.6]
Α	AMP CONNECTOR	2.24 [56.9]

#### PRESSURE PORT TYPE

CODE	PORT	DIM B	DIM C REF.
2	1/4-19 BSPP	0.547 [13.9]	0.366 [9.3]
3	G3/8 JIS B2351	0.615 [15.6]	0.366 [9.3]
4	7/16-20UNF MALE SAE J1926-2 STRAIGHT THREAD, O-RING BUNA-N 90SH ID8.92xW1.83mm (O-RING not provided by TE)	0.508 [12.9]	0.366 [9.3]
5	1/4-18 NPT	0.600 [15.24]	0.366 [9.3]
6	1/8-27 NPT	0.390 [9.90]	0.366 [9.3]
В	G1/4 JIS B2351	0.547 [13.9]	0.366 [9.3]
Е	1/4-19 BSPT	0.500 [12.7]	0.366 [9.3]
F	1/4-19 BSPP FEMALE (without snubber)	0.771 [19.6]	0.366 [9.3]
Р	7/16-20UNF FEMALE SAE J513 STRAIGHT THREAD WITH INTEGRAL VALVE DEPRESSOR	0.647 [16.4]	0.366 [9.3]
Ν	7/16-20UNF FEMALE SAE J513 STRAIGHT THREAD	0.647[16.4]	0.366 [9.3]
Q	M10 x 1.0 mm ISO 6149-2	0.449 [11.4]	0.366 [9.3]
S	M12 x 1.5 mm ISO 6149-2	0.531 [13.5]	0.366 [9.3]
U	G1/4 DIN 3852 FORM E, GASKET DIN3869-14 NBR (Gasket not provided by TE)	0.551 [14.0]	0.366 [9.3]
W	M20 x 1.5 mm ISO 6149-2	0.551[14.0]	0.441 [11.2]
G	M14 x 1.5 mm ISO 6149-2	0.531 [13.5]	0.366 [9.3]



### **WIRING**

Current Output Wiring						
CONNECTION	+SUPPLY	-SUPPLY	NC. PIN	-	P REF VENT	
Bayonet	A	В	C,D,E		F	
Packard, A	А	в	С		Hole Through	
	~	D	0		Connector	
Packard, B	В	А	С		Hole Through	
					Connector	
Cable	RED	BLK			In Cable	
M12	1	3	2,4		Hole Through	
10112		0	2,4		Connector	
AMP/TE	1	2	3		Hole Through	
	•	-	•		Connector	
FORM C	1	2	3,4		Threads Through	
		_			Connector	
FORM A	1	2	3,4		Threads Through	
					Connector	
			Output Wiring			
CONNECTION	+SUPPLY	+OUTPUT	COMMON	NC. PINS	P REF VENT	
Bayonet	A	В	С	D,E	F	
Packard, A	А	С	В		Hole Through	
1 401414,74	~	Ű	5		Connector	
Packard, B	В	С	А		Hole Through	
		_			Connector	
Cable	RED	WHT	BLK		In Cable	
M12	1	2	3	4	Hole Through	
					Connector Hole Through	
AMP/TE	1	3	2		Connector	
					Threads Through	
FORM C	1	2	3	4	Connector	
					Threads Through	
FORM A	1	3	2	4	Connector	
1					Connector	

Notes:

NC pins are reserved for factory use only. **Customers should not use these connections**. For cable connection, the drain wire is internally terminated to pressure port. 1.

2.



# **CONNECTION TYPES**

CONNECTION	DESCRIPTION	MATING HOUSING P/N	MATING TERMINAL P/N	RUBBER SEAL P/N
Bayonet	BAYONET PTIH-10-6P OR EQUIV	PT06A-10-6S MIL-C-26482	-	-
Packard	3-PIN METRI-PACK 150	12078090	12103881, QTY 3	-
M12	BINDER SERIES 713, 09 3431 77 04 OR EQUIV	4-POS FEMALE CONNECTOR	-	-
AMP/TE	AMP / TE 3-PIN ECONOSEAL J SERIES	174357-2 & 174358-7	171630-1 (AWG 20~24) 171662-1 (AWG 16~20) QTY 3	172746-1 (AWG 20~24) 172888-2 (AWG 16~20) QTY 3
FORM C	INDUSTRIAL STANDARD 9.4MM FORM C	HIRSCHMANN 933 024-100,OR, ATAM KD046000B7 (SEAL INCL.)	-	HIRSCHMANN 730 185-002
FORM A	DIN EN 175 301-803-A 18MM	HIRSCHMANN 931 969-100,OR, ATAM KA245000B4 (SEAL INCL.)	-	HIRSCHMANN 730 801-002

Note: Transmitter of gage pressure type requires vent to atmosphere on the pressure reference side. This is accomplished via cable from the transmitter (the end of the cable should be terminated to clean and dry area) or through the customer mating connector/cable assembly which has internal vent path.

Suggested vented M12 mating connector P/N MB12FWAFF04ST-4 and MB12FWAFF04ST-3 at www.finecables.com for 0.157"~0.236" and 0.236"~0.315" diameter cable respectively.

### WEATHERPROOF

WEATHER-PROOF RATING				
CONNECTION	IP CODE			
Bayonet	IP67			
Packard	IP66			
Cable	IP67			
M12	IP67			
AMP/TE	IP67			
FORM C	IP65			
FORM A	IP65			

Note: Weatherproof ratings are met when the mating connectors are installed properly and the cable termination is to dry and clean area.

### OUTPUTS

CODE	OUTPUT SIGNAL	SUPPLY VOLTAGE
3	0.5 - 4.5V	5 ± 0.25V
3	RATIOMETRIC	PROTECTED to 30V
4	1 - 5V	8 - 30V
5	4 - 20mA	9 - 30V
6	0 - 5V	8 - 30V
7	0 - 10V	12 - 30V
8	1 - 6V	8 - 30V
9	0.5 - 4.5V	5 - 30V



### ORDERING INFORMATION

					L			-	Pressure Type
Out	put Signal							G	Gauge
	5V Ratiometric				Pressure	Range [psi]		S	Sealed
1 – 5V	,				psi	bar	f	Α	Absolute (Except
1 – 20mA					STD	STD			005P/.35B)
) – 5V					002P	.14B	-1	С	Compound
) – 10V				-	005P	.35B		G	Gauge
1 – 6V					015P	001B	1	S	Sealed
).5 – 4.5V					030P	002B		Α	Absolute
					050P	3.5B		C	Compound
					100P	007B		G	Gauge
onnector					150P	010B	- I - C	- S	Sealed (Port 2,5 only
(	Connection Type				200P	014B		Α	Absolute (Port 2,5 or
Cable	e, 2 feet				300P	020B		С	Compound
Cabl	e, 3 feet				500P	035B			
Cal	ble, 4 feet				01KP	070B	<u> </u>		
Cable,	10 feet				03KP	200B			
Pack	ard Connector A				05KP	350B			
_	onet Connector				10KP	700B	L		
Bayor									
				Interme		ure Ranges avai	lable. Ch	hange Pr	essure Bange code accord
Form	С			Compo	ediate Press	e range is -14.7	to xxxpsi	ig or -1 to	essure Range code accord ) xxxbarg.
Form C Form A				Compo	ediate Press		to xxxpsi	ig or -1 to	
Form Form Packa	C A ard Connector B			Compo	ediate Press	e range is -14.7	to xxxpsi	ig or -1 to	
Form C Form A Packard C	connector B			Compo	ediate Press ound pressur 00PC: -14.7	e range is -14.7	to xxxpsi	ig or -1 to	
For For Pac M12 Cab	m C m A kard Connector B 2 Connector ole 1m			Compo	ediate Press ound pressur 00PC: -14.7	e range is -14.7 to 200psig, 020E	to xxxpsi 3C: -1 to :	ig or -1 to	o xxxbarg.
For For Pac M1 Cal Cal	m C m A ckard Connector B 2 Connector ole 1m ole 2m			Compo	ediate Press bund pressur 00PC: -14.7 <b>Port Ty</b>	e range is -14.7 to 200psig, 020E	to xxxpsi 3C: -1 to 3 P(	ig or -1 to 20barg)	o xxxbarg.
Fo Fo Pa M1 Ca Ca Ca	rm C rm A ckard Connector B 12 Connector ble 1m ble 2m ble 5m			Compo	ediate Press bund pressur 00PC: -14.7 Port Ty Code	re range is -14.7 to 200psig, 020E <b>pe Selection</b>	to xxxpsi 3C: -1 to 3 Po	ig or -1 to 20barg)	o xxxbarg.
For Pa Pa M1 Ca Ca Ca Ca	rm C rm A ckard Connector B 2 Connector ble 1m ble 2m ble 5m ble 10m			Compo	ediate Press ound pressur DOPC: -14.7 Port Ty Code 2 3	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I	to xxxpsi BC: -1 to 2 Pro 51 Male SA	ig or -1 tc 20barg) ort Type	e 6-2 Straight Thread,
Form Form Packa M12 ( Cable Cable Cable	C A ard Connector B Connector a 1m a 2m a 5m a 10m			Compo	ediate Press pund pressur 00PC: -14.7 Port Ty Code 2	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUNA	to xxxpsi BC: -1 to 3 P 51 Male SA A-N 90S	ig or -1 tc 20barg) ort Type AE J192 H ID8.9	e
Form C Form A Packard M12 Co Cable 1 Cable 2 Cable 5 Cable 1	d Connector B onnector m cm om 0m			Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUN/ Ring not prov	to xxxpsi BC: -1 to 3 P 51 Male SA A-N 90S	ig or -1 tc 20barg) ort Type AE J192 H ID8.9	e 6-2 Straight Thread,
Form Form Packa M12 Cable Cable Cable Cable Amp	C A ard Connector B Connector a 1m a 2m a 5m a 10m			Compo	ediate Press ound pressur DOPC: -14.7 Port Ty Code 2 3 4 5	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUNA Ring not prov 1/4-18 NPT	to xxxpsi BC: -1 to 3 P 51 Male SA A-N 90S	ig or -1 tc 20barg) ort Type AE J192 H ID8.9	e 6-2 Straight Thread,
Forn Forn Pac M12 Cat Cat Cat	m C m A kard Connector B 2 Connector ole 1m ole 2m ole 5m ole 10m			Compo	ediate Press ound pressur DOPC: -14.7 Port Ty Code 2 3 4 5 6	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT	to xxxpsi 3C: -1 to 3 51 Male SA A-N 90S ided by	ig or -1 tc 20barg) ort Type AE J192 H ID8.9	e 6-2 Straight Thread,
Form ( Form / Packar M12 C Cable Cable Cable Cable Amp C	C A A A A A A A A A A A A A A A A A A A			Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 B	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23	to xxxpsi 3C: -1 to 3 51 Male SA A-N 90S ided by	ig or -1 tc 20barg) ort Type AE J192 H ID8.9	e 6-2 Straight Thread,
For Pac M11 Cat Cat Cat Cat Cat	m C m A ckard Connector B 2 Connector ble 1m ble 2m ble 5m ble 10m			Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 8 8 E	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPT	to xxxpsi 3C: -1 to 3 Pro- 51 Male SA A-N 90S ided by 51	ig or -1 tc 20barg) ort Type NE J192 H ID8.9 TE)	e 6-2 Straight Thread,
Form C Form A Packard M12 Co Cable 1 Cable 2 Cable 5 Cable 1 Amp Co	I Connector B nnector m m m 0m 0m onnector			Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 B	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF 1 O-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPT 1/4-19 BSPP	to xxxpsi 3C: -1 to : Pro- 51 Male SA A-N 90S ided by 51 Female	ig or -1 tc 20barg) ort Type AE J192 H ID8.9 TE)	e 6-2 Straight Thread, 2xW1.83mm (O-
Form Form Packa M12 ( Cable Cable Cable Cable Cable Cable Cable Cable Cable	C A ard Connector B Connector e 1m e 2m e 5m e 10m Connector			Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 8 8 E	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPT 1/4-19 BSPP 7/16-20UNF I	to xxxpsi 3C: -1 to : Pro- 51 Male SA A-N 90S ided by 51 Female Female	ig or -1 tc 20barg) ort Type (AE J192 (H ID8.9 TE) TE) * SAE J5	e 6-2 Straight Thread,
Form Pack M12 Cabl Cabl Cabl Cabl Cabl Cabl Cabl Cabl	ard Connector B Connector B Connector e 1m e 2m e 5m e 10m Connector			Compo	Port Ty Code 2 3 4 5 6 8 E F P	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPT 1/4-19 BSPP 7/16-20UNF I w/ Integral Va	to xxxpsi 3C: -1 to : P 51 Male SA A-N 90S ided by 51 Female Female alve Dep	ig or -1 tc 20barg) ort Type AE J192 H ID8.9 TE) * SAE J5 pressor	e 6-2 Straight Thread, 2xW1.83mm (O- 13 Straight Thread
rd	Form C Form A Packard Connector B A12 Connector Cable 1m Cable 2m Cable 5m Cable 5m Cable 10m Amp Connector			Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 8 8 E F P N	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I 0-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPT 1/4-19 BSPP 7/16-20UNF I w/ Integral Va 7/16-20UNF I	to xxxpsi 3C: -1 to : 2 51 Male SA A-N 90S ided by 51 Female Female Ive Dep Female	ig or -1 tc 20barg) ort Type (H ID8.9 TE) * SAE J5 pressor SAE J5	e 6-2 Straight Thread, 2xW1.83mm (O-
Image: state	Form C Form A Packard Connector B M12 Connector Cable 1m Cable 2m Cable 5m Cable 5m Cable 10m Amp Connector			Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 B E F F P N Q	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPT 1/4-19 BSPP 7/16-20UNF I w/ Integral Va 7/16-20UNF I M10x1.0mm	to xxxpsi 3C: -1 to : 51 Male SA 5-N 90S ided by 51 Female so 614	ig or -1 tc 20barg) ort Type (E J192 H ID8.9 TE) * SAE J5 pressor SAE J5 pressor SAE J5 pressor SAE J5	e 6-2 Straight Thread, 2xW1.83mm (O- 13 Straight Thread
Forn Pack M12 Cab Cab Cab Cab Cab Cab Cab Cab	n C n A kard Connector B Connector le 1m le 2m le 5m le 5m le 10m o Connector			Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 8 8 E F P N	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I 0-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPT 1/4-19 BSPP 7/16-20UNF I w/ Integral Va 7/16-20UNF I	to xxxpsi 3C: -1 to : 3C: -1 to : 51 51 Male SA A-N 90S ided by 51 51 51 51 51 51 51 51 51 51 51 51 51	ig or -1 tc 20barg) ort Type (E J192 H ID8.9 TE) SAE J5 pressor SAE J5 pressor SAE J5 9-2 19-2	e 6-2 Straight Thread, 2xW1.83mm (O- 13 Straight Thread
Form ( Form / Packar M12 C Cable Cable Cable Cable Cable Amp C Amp C	C A rd Connector B connector 1m 2m 5m 10m 5m 10m Connector Connector			Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 B E F F P N Q	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I 0-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPF 7/16-20UNF I w/ Integral Va 7/16-20UNF I m10x1.0mm M12x1.5mm G1/4 DIN 385	to xxxpsi 3C: -1 to : 3C: -1 to : 51 Male SA 51 Female S51 Female S51 Female S0 614 S0 614 S0 614 S0 614	ig or -1 tc 20barg) ort Type (E J192) (H ID8.9 TE) * SAE J5 pressor SAE J5 (9-2) (9-2) E	e 6-2 Straight Thread, 2xW1.83mm (O- 13 Straight Thread
Form C Form A Packard M12 Cor Cable 1r Cable 2r Cable 5r Cable 5r Cable 10 Amp Co d Snubber rd Snubber Vith Snubber Vith Snubber Vith Snubber I Labe	I Connector B nnector m m m Om nnector nnector	mended torque		Compo	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 B E F P N Q S S U	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I O-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPT 1/4-19 BSPT 1/4-19 BSPP 7/16-20UNF I w/ Integral Va 7/16-20UNF I M10x1.0mm M12x1.5mm G1/4 DIN 385 Gasket DIN38 by TE)	to xxxpsi 3C: -1 to : 3C: -1 to : 51 Male SA 51 Male SA A-N 90S ided by 51 51 51 51 51 51 51 51 51 51 51 51 51	ig or -1 tc 20barg) ort Type (H ID8.9 TE) SAE J5 pressor SAE J5 pressor SAE J5 l9-2 l9-2 E NBR (G	e 6-2 Straight Thread, 2xW1.83mm (O- 13 Straight Thread 13 Straight Thread
Form A Packard Corr M12 Connect Cable 1m Cable 2m Cable 5m Cable 5m Cable 10m Amp Connect a rd o Snubber fith Snubber xygen Clean Base tabel Typ 0 Adhesive 1 Laser M re installation inst	Anector B tor tor tor 40.1 Level IV be Label arking ruction for recon	Imended torque. available on our website in En	Iglish and Ch	Compo (e.g. 20	ediate Press ound pressur 00PC: -14.7 Port Ty Code 2 3 4 5 6 B E F P N Q S	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23 7/16-20UNF I 0-Ring BUN/ Ring not prov 1/4-18 NPT 1/8-27 NPT G1/4 JIS B23 1/4-19 BSPT 7/16-20UNF I w/ Integral Va 7/16-20UNF I m10x1.0mm M12x1.5mm G1/4 DIN 385 Gasket DIN385	to xxxpsi 3C: -1 to : 3C: -1 to : 51 Male SA 51 Male SA A-N 90S ided by 51 51 51 51 51 51 51 51 51 51 51 51 51	ig or -1 tc 20barg) ort Type (AE J192 (H ID8.9 TE) SAE J5 pressor SAE J5 pressor SAE J5 (9-2 (9-2) E NBR (G (9-2)	e 6-2 Straight Thread, 2xW1.83mm (O- 13 Straight Thread 13 Straight Thread



**Standard In-Stock Models**: M12 Connector, <sup>1</sup>/<sub>4</sub>-18 NPT Pressure Port, Gage Type. These popular configurations below are typical units available off the shelf:

4 - 20mA Output	0 - 5V Output	0 - 10V Output
U525D-000005-01KPG	U526D-000005-01KPG	U527D-000005-01KPG
U525D-000005-050PG	U526D-000005-050PG	U527D-000005-050PG
U525D-000005-05KPG	U526D-000005-05KPG	U527D-000005-05KPG
U525D-000005-150PG	U526D-000005-150PG	U527D-000005-150PG
U525D-000005-500PG	U526D-000005-500PG	U527D-000005-500PG

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