



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° 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 _{DC}
Dielectric Strength			2	mA	@500V _{AC} , 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 ⊢	alf 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 V₀: ±1KV/42Ω)

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

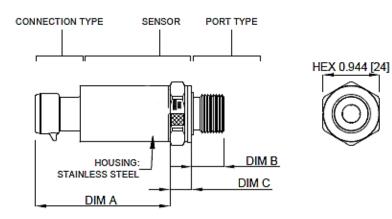
Fields (150K~80MHz, 10V level for voltage output models, 3V level for current output model)

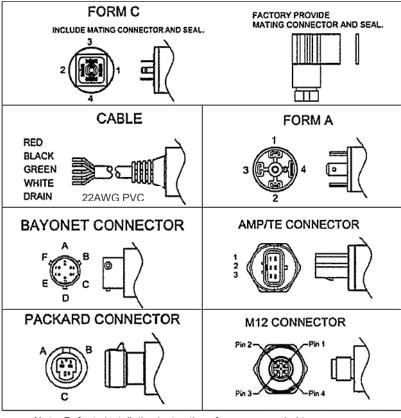
IEC 61000-4-9 Pulse Magnetic Field Immunity (100A/m peak)

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]
Ν	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		
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5	6		Connector		
Packard, B	В	А	С		Hole Through		
	5		•		Connector		
Cable	RED	BLK					
M12	1	3	2,4		Hole Through		
IVI I Z	1	5	2,4		Connector		
AMP/TE	1	2	3		Hole Through		
	•	2	5		Connector		
FORM C	1	2	3,4		Threads Through		
	•	2	0,4		Connector		
FORM A	1	2	3,4		Threads Through		
	-	-	0, 1		Connector		
		Voltage C	utput Wiring				
CONNECTION	+SUPPLY	+OUTPUT	COMMON	NC. PINS	P REF VENT		
Bayonet	A	В	С	D,E	F		
Packard, A	А	С	В		Hole Through		
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0			Connector		
Packard, B	В	С	А		Hole Through		
	_	•			Connector		
Cable	RED	WHT	BLK		In Cable		
M12	1	2	3	4	Hole Through		
	•	_	•		Connector		
AMP/TE	1	3	2		Hole Through		
-		-			Connector		
FORM C	1	2	3	4	Threads Through		
			-		Connector		
FORM A	1	3	2	4	Threads Through		
					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
C	Output Signal							G	Gauge
	V Ratiometric				Pressure	e Range [psi]		S	Sealed
1 – 5V					psi	bar	[A	Absolute (Except
4 – 20mA					STD	STD			005P/.35B)
) – 5V					002P	.14B	1	С	Compound
) – 10V					005P	.35B		G	Gauge
1 – 6V	,				015P	001B	1	S	Sealed
).5 – 4.5\	/				030P	002B		Α	Absolute
					050P	3.5B		C	Compound
					100P	007B		G	Gauge
onnector	r 🏻				150P	010B	- 6	- S	Sealed (Port 2,5 only
0	Connection Type				200P	014B		Α	Absolute (Port 2,5 or
Cab	e, 2 feet				300P	020B		С	Compound
Cal	ole, 3 feet				500P	035B			
Ca	ble, 4 feet				01KP	070B			
Cab	le, 10 feet				03KP	200B			
Pa	ckard Connector A				05KP	350B			
Power	et Connector				10KP	700B			
Dayu									
				Interme	ediate Press	ure Banges avai	lable Ch	hange Pr	essure Bange code accord
Form	С					ure Ranges avai e range is -14.7			essure Range code accord xxxbarg.
Form C Form A				Compo	ound pressu		to xxxpsi	ig or -1 to	
For For Pac	m C m A ckard Connector B			Compo	ound pressu	e range is -14.7	to xxxpsi	ig or -1 to	
Form C Form A Packard M12 Co	d Connector B			Compo	ound pressui 00PC: -14.7	e range is -14.7	to xxxpsi	ig or -1 to	
Fo Fo Pa M Ca	orm C orm A ackard Connector B 12 Connector able 1m			Compo	ound pressui 00PC: -14.7	e range is -14.7 to 200psig, 020E	to xxxpsi 3C: -1 to :	ig or -1 to 20barg)) xxxbarg.
For For Pa M1 Ca Ca	rm C rm A ckard Connector B 2 Connector ble 1m ble 2m			Compo	ound pressu 00PC: -14.7 Port Ty	e range is -14.7 to 200psig, 020E	to xxxpsi 3C: -1 to 3 P(ig or -1 to) xxxbarg.
Fo Fo Pa M ¹ Ca Ca Ca	rm C rm A uckard Connector B 12 Connector uble 1m uble 2m uble 5m			Compo	DOPC: -14.7	re range is -14.7 to 200psig, 020E pe Selection	to xxxpsi 3C: -1 to 3 Po	ig or -1 to 20barg)) xxxbarg.
Form Form Pack M12 Cabl Cabl Cabl	A C A A aard Connector B Connector e 1m e 2m e 5m e 10m			Compo	Port Ty Code 2	re range is -14.7 to 200psig, 020E pe Selection 1/4"-19 BSPF G3/8 JIS B23	to xxxpsi 3C: -1 to 3 Po 51	ig or -1 to 20barg) ort Typ) xxxbarg.
For For Par M Car Car Car Car Car	rrm C rrm A ackard Connector B 12 Connector able 1m able 2m able 5m able 10m			Compo	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 3C: -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 Packar M12 C Cable Cable Cable	Connector B onnector 1m 2m 5m 10m			Compo	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 3C: -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 Pack M12 Cable Cable Cable Cable	C A ard Connector B Connector e 1m e 2m e 5m e 10m			Compo	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 BUN/ Ring not prov 1/4-18 NPT	to xxxpsi 3C: -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 C Form A Packard M12 Co Cable 1 Cable 2 Cable 5 Cable 1	d Connector B mnector m m m 0m			Compo	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 Packa Packa M12 C Cable Cable Cable Cable Cable Cable	C A A A A A A A A A A A A A A A A A A A			Compo	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,
Form C Form A Packard M12 Cor Cable 1r Cable 2r Cable 5r Cable 10 Amp Co	Connector B nnector n n n Dm			Compo	Port Ty Code 2 3 4 5 6 B 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 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	d Connector B mnector m m m 0m 0m onnector			Compo	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 C Cable Cable Cable Cable Cable Cable Cable Cable Cable	C A A A A A A A A A A A A A A A A A A A			Compo	Port Ty Code 2 3 4 5 6 B 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 Form Pack M12 Cable	A ard Connector B Connector e 1m e 2m e 5m e 10m Connector			Compo	Port Ty Code 2 3 4 5 6 B 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 : Pro- 51 Male SA Male SA A-N 90S ided by 51 Female Female Ive 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
Image: Provide state stat	orm C orm A ackard Connector B 112 Connector able 1m able 2m able 5m able 10m mp Connector			Compo	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 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	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-
rd	Form C Form A Packard Connector B M12 Connector Cable 1m Cable 2m Cable 5m Cable 5m Cable 10m Amp Connector			Compo	Port Ty Code 2 3 4 5 6 8 8 E 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	to xxxpsi 3C: -1 to : 3C: -1 to : 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 pressor SAE J5	e 6-2 Straight Thread, 2xW1.83mm (O- 13 Straight Thread
F F P P O C <t< td=""><td>orm C orm A ackard Connector B 112 Connector able 1m able 2m able 5m able 5m able 10m mp Connector</td><td></td><td></td><td>Compo</td><td>Port Ty Code 2 3 4 5 6 8 8 E F P N</td><td>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 M12x1.5mm</td><td>to xxxpsi 3C: -1 to : 3C: -1 to : 51 51 51 51 51 51 51 51 51 51 51 51 51</td><td>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</td><td>e 6-2 Straight Thread, 2xW1.83mm (O- 13 Straight Thread</td></t<>	orm C orm A ackard Connector B 112 Connector able 1m able 2m able 5m able 5m able 10m mp Connector			Compo	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 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 M12x1.5mm	to xxxpsi 3C: -1 to : 3C: -1 to : 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 A Form A Packa M12 C Cable Cabl	C A A A A A A A A A A A A A A A A A A A			Compo	Port Ty Code 2 3 4 5 6 8 8 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 O-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 -N 90S ided by 51 Female So 614 SO 614 SO 614 SO 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 13 Straight Thread
Form A Packar M12 C Cable C C Cable C C C C C C C C C C C C C C C C C C C	C A rd Connector B onnector 1m 2m 5m 10m 5m 10m connector connecto			Compo	Port Ty Code 2 3 4 5 6 8 8 E 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 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 -N 90S ided by 51 Female So 614 SO 614 SO 614 SO 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 Conne M12 Connector Cable 1m Cable 2m Cable 5m Cable 5m Cable 10m Amp Connector rd rd er o Snubber fith Snubber Snubber fith Snubber Label Type 0 Adhesive La 1 Laser Mark re installation instruct	r 1 Level IV abel king	nmended torque. available on our website	n English and C	Compo (e.g. 20	Port Ty Code 2 3 4 5 6 8 8 6 8 8 6 8 7 7 9 8 9 8 8 9 8 8 9 8 9 8 9 8 9 9 8 9 8	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 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 -N 90S ided by 51 Female So 614 SO 614 SO 614 SO 614 SO 614	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



Standard In-Stock Models: M12 Connector, ¹/₄-18 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

NORTH AMERICA

Measurement Specialties, Inc., a TE Connectivity Company Phone: +1 800-522-6752 Email: customercare.frmt@te.com

EUROPE

Measurement Specialties (Europe), Ltd., a TE Connectivity Company Phone: +31 73 624 6999 Email: <u>customercare.lcsb@te.com</u>

ASIA

Measurement Specialties (China), Ltd., a TE Connectivity Company Phone: +86 0400-820-6015 Email: <u>customercare.shzn@te.com</u>

TE.com/sensorsolutions

Measurement Specialties, Inc., a TE Connectivity company.

Measurement Specialties, TE Connectivity, TE Connectivity (logo) and EVERY CONNECTION COUNTS are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, use or misuse of the product. Users of TE Connectivity should make their own evaluation to determine the suitability of each such product for the specific application.

© 2015 TE Connectivity Ltd. family of companies All Rights Reserved.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity: U5231-000015-100PG U5255-00005-03KPG