



VRoHS UL (

### FEATURES

- Heavy Industrial CE Approval
- 10 V/m EMI Protection
- Reverse Polarity Protection on Input
- Short Circuit Protection on Output
- ±0.1% Accuracy
- ±0.5% Total Error Band
- Compact Outline
- -40°C to +125°C Operating Temperature
- Weatherproof

### **APPLICATIONS**

- Military/Aerospace Test Stands
- Automotive Test Stands
- Calibration Equipment
- High Accuracy Applications
- Stationary Motor Fuel Control
- High End Industrial Machinery

# **U5300** Industrial Pressure Transducer

### **SPECIFICATIONS**

- Superior Accuracy and Total Error Band
- Instrument Grade and 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 instrument grade U5300 pressure transducers from the UltraStable line of MEAS, with their modular design, offer maximum flexibility for different configurations. This latest series features superior accuracy and total error band 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 U5300 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 U5300 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 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	ТҮР	МАХ	UNITS	NOTES			
Accuracy (RSS of linearity, hysteresis, and repeatability)	-0.1		0.1	%F.S. BFSL				
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.				
Offset	-0.25		0.25	%F.S.	@25°C			
Span	-0.25		0.25	%F.S.	@25°C			
Total Error Band	-0.5		0.5	%F.S.	Over compensated temperature			
Compensated Temperature	-20		+85	°C				
Operating Temperature	2         mA         @500V <sub>AC</sub> , 1min           1.00E+6         0~FS Cycles         1           3X         20k psi         Rated           4X         20k psi         Rated           -0.1         0.1         %F.S.           -0.25         0.25         %F.S.           -0.25         0.25         %F.S.           -0.5         0.5         %F.S.							
Storage Temperature	-40		+125	°C	Except cable 105°C max			
Load Resistance (RL)	$R_L > 100k$			Ω	Voltage Output			
	< (Supply V	oltage -9V)	/ 0.02A	Ω	Current Output			
Current Consumption			5	mA	Voltage Output			
Rise Time (10% to 90%)	<2ms (Voltage Output); <3ms (Current Output); Without Snubber							
Pressure Port Material	316L Stainless Steel; 316L Stainless Steel Snubber							
Shock	50g, 11msec Half Sine Shock per MIL-STD-202G, Method 213B, Condition A							
Vibration	±20g, MIL-8	STD-810C,	Procedure 514	4.2, Fig 514.2-2, C	urve L			

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

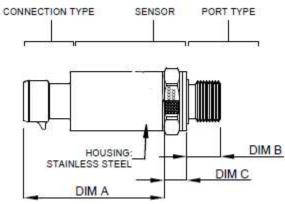
Fields (150K~80MHz, 10V level for voltage output models, 3V level for current output model)

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

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

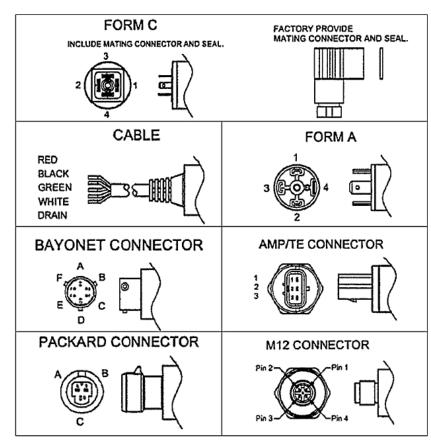


# DIMENSIONS



HEX 0.944 [24]

Note: Refer to installation instructions for recommended torque



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]           M         CABLE 1 M         2.19 [55.6]           N         CABLE 1 M         2.19 [55.6]           P         CABLE 2 M         2.19 [55.6]           R         CABLE 10 M         2.19 [55.6]	CODE	CONNECTION TYPE	DIM A MAX.
2       CABLE 0 FT       2.10 [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 B       2.25 [57.2]         D       M12 CONNECTOR B       2.25 [57.2]         M       CABLE 1 M       2.19 [55.6]         N       CABLE 2 M       2.19 [55.6]         P       CABLE 5 M       2.19 [55.6]	1	CABLE 2 FT	2.19 [55.6]
Image: Second	Е	CABLE 3 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]           M         CABLE 1 M         2.19 [55.6]           N         CABLE 2 M         2.19 [55.6]           P         CABLE 5 M         2.19 [55.6]	2	CABLE 4 FT	2.19 [55.6]
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]           M         CABLE 1 M         2.19 [55.6]           N         CABLE 2 M         2.19 [55.6]           P         CABLE 5 M         2.19 [55.6]	3	CABLE 10 FT	2.19 [55.6]
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]           M         CABLE 1 M         2.19 [55.6]           N         CABLE 2 M         2.19 [55.6]           P         CABLE 5 M         2.19 [55.6]	4	PACKARD CONNECTOR A	2.25 [57.2]
FORM A         2.10 [53.3]           9         PACKARD CONNECTOR B         2.25 [57.2]           D         M12 CONNECTOR         1.95 [49.5]           M         CABLE 1 M         2.19 [55.6]           N         CABLE 2 M         2.19 [55.6]           P         CABLE 5 M         2.19 [55.6]	5	BAYONET CONNECTOR	1.94 [49.3]
9         PACKARD CONNECTOR B         2.25 [57.2]           D         M12 CONNECTOR         1.95 [49.5]           M         CABLE 1 M         2.19 [55.6]           N         CABLE 2 M         2.19 [55.6]           P         CABLE 5 M         2.19 [55.6]	6	FORM C	1.95 [49.5]
D         M12 CONNECTOR         1.95 [49.5]           M         CABLE 1 M         2.19 [55.6]           N         CABLE 2 M         2.19 [55.6]           P         CABLE 5 M         2.19 [55.6]	7	FORM A	2.10 [53.3]
M         CABLE 1 M         2.19 [55.6]           N         CABLE 2 M         2.19 [55.6]           P         CABLE 5 M         2.19 [55.6]	9	PACKARD CONNECTOR B	2.25 [57.2]
N         CABLE 1 M         2.19 [55.6]           P         CABLE 5 M         2.19 [55.6]	D	M12 CONNECTOR	1.95 [49.5]
P         CABLE 5 M         2.19 [55.6]	М	CABLE 1 M	2.19 [55.6]
	Ν	CABLE 2 M	2.19 [55.6]
R CABLE 10 M 2.19 [55.6]	Р	CABLE 5 M	2.19 [55.6]
	R	CABLE 10 M	2.19 [55.6]
A AMP CONNECTOR 2.24 [536.9]	Α	AMP CONNECTOR	2.24 [536.9]

#### PRESSURE PORT TYPE

CODE	PORT	DIM B	DIM C Typ.
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 ID8.93xW1.83mm	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 [9.9]	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 [19.58]	0.366 [9.3]
Р	7/16-20UNF FEMALE SAE J513 STRAIGHT THREAD WITH INTEGRAL VALVE DEPRESSOR	0.647 [17.5]	0.366 [9.3]
Ν	7/16-20UNF FEMALE SAE J513 STRAIGHT THREAD	0.647 [17.5]	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 [11.0]	0.366 [9.3]
U	G/14 DIN 3852 FORM E GASKET DIN3869-14 NBR	0.531 [13.5]	0.366 [9.3]
W	M20 x 1.5 mm ISO 6149-2	0.531 [13.5]	0.456 [11.6]
G	M14 x 1.5 mm ISO 6149-2	0.531 [13.5]	0.366 [9.3]



### **WIRING**

		Current C	Output Wiring			
CONNECTION	+SUPPLY	-SUPPLY	NC. PIN	IS	P REF VENT	
Bayonet	A	В	C,D,E		F	
Packard, A	А	В	С		Hole Through	
	^		0		Connector	
Packard, B	В	А	С		Hole Through	
	_		•		Connector	
Cable	RED	BLK			In Cable	
M12	1	3	2,4		Hole Through	
			<u> </u>		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	
		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	D		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	<b>P/TE</b> 1 3	3	2		Hole Through	
	•	Ŭ	-		Connector	
FORM C	1 2	1 2 3	3 4	4	Threads Through	
	•	_	•		Connector	
FORM A	1	3	2	4	Threads Through	
	-	-	_	-	Connector	

#### Notes:

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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 TYPES						
CONNECTION	DESCRIPTION	PTION MATING HOUSING 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-PROC	OF 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**

9       0.54.5V         Connection Type       1500         Cable, 2 feet       1500         Cable, 3 feet       010         Cable, 4 feet       010KP         Cable, 4 feet       010KP         Cable, 4 feet       010KP         Cable, 10 feet       03KP         Packard Connector       03KP         Packard Connector       03KP         Packard Connector       05KP         Packard Connector       05KP         Cable 2m       Cable 2m         Cable 2m       Cable 2m         Cable 2m       Cable 2m         Cable 2m       Cable 3m         Cable 2m       Sagard         Cable 2m       Cable 3m         Cable 3m       Cable 3m			U53 <u>3 3</u> – <u>0 0</u> 0	0 <u>1 5</u> – <u>100</u>	<u>)P G</u>					
Code       Type         3       0.54.5V Ratiometric         4       1-5V         5       4.20mA         6       0.5V         7       0.10V         8       1-6V         9       0.54.5V         0.54.5V       0.015P         0.54.5V       0.016P         0.54.5V       0.018P         0.54.5V       0.54.5V         Connection Type       0.54.5V         Cable, 3 feet       0.54.5V         Cable, 3 feet       0.00P         Cable, 3 feet       0.00P         Cable, 3 feet       0.00P         Cable, 3 feet       0.01KP         Cable, 10 feet       0.01KP         Packard Connector A       Bayonet Connector         Bayonet Connector       A         Packard Connector B       0.01KP         M12 Connector       Cable 3m         Cable 2m       Cable 3m         Cable 2m       Cable 3m         Cable 2m       Cable 3m         Cable 2m       Cable 3m         Cable 3m       Cable 3m         Standard Expedite       1102.2000F         Standard Expedite       142.19 BSPT <t< th=""><th></th><th>Output</th><th>I</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>		Output	I							
3       0.54.5V Platiometric         4       1 - 5V         5       4.20mA         6       0.54.5V         7       0-10V         8       1.5V         7       0-10V         8       1.5V         9       0.54.5V         Connection Type       0.54.5V         Cable, 2 feet       100P         Cable, 3 feet       200P         Cable, 3 feet       300P         0.54.6V       0.56KP         2.20er       0.15KP         0.50F       200B         0.50F       200B <td< th=""><th>Code</th><th></th><th>• • • • • • • • • • • • • • • • • • • •</th><th></th><th></th><th></th><th></th><th></th><th>Pressure Ty</th><th>/pe</th></td<>	Code		• • • • • • • • • • • • • • • • • • • •						Pressure Ty	/pe
a       1 - SV         b       0.5 - SV         c       1 - SV         s       4.20mA         6       0.5V         7       0-10V         8       1-6V         9       0.54.5V         Connection Type       050P         de       Connection Type         Cable, 4 feet       Compound         Cable, 4 feet       Compound         Cable, 4 feet       Compound pressure Parge between topsi to 10ksi (1bar to 700bar) are all available.         Chanestor A       Bayonet Connector A         Bayonet Connector B       Code         M12 Connector       Port Type Selection         Cable 2m       Cable 2m         Cable 5m </td <td></td> <td></td> <td></td> <td></td> <td>Pre</td> <td></td> <td></td> <td>G</td> <td>-</td> <td></td>					Pre			G	-	
1       1       0       1       0       1       0       1       0       1       0       1       0       1       0       1       0       1       0       1       0									<u> </u>	
3       1       2000         6       0-5V       000B         7       0-10V       030P       002B         8       1-6V       000P       3.58         9       0.5-4.5V       000P       007B         Connection Type       150P       010B       Seled (Port 2.5)         Cable, 2 feet       000P       0.20B       050P       0.35B         Cable, 3 feet       000P       0.30P       0.00B       050P       0.35B         Cable, 3 feet       000P       0.054.5V       000P       0.35B       000P       0.054.5V         Cable, 3 feet       000P       0.054.5V       000P       0.054.5V       000P       0.054.5V         Cable, 3 feet       000P       0.054.5V       000P       0.054.5V       0.054.7V       0.054.5V         Cable, 10 feet       Packard Connector A       0.54.5V       0.054.7V       0.056.7V       0.070.7V       0.050.7V       0.071.7V       0.050.7V       0.071.7V       0.050.7V       0.071.7V       0.050.7V       0.071.7V       0.050.7V       0.071.7V       0.050.7V		-	4 1 1 1							
0       0.50 <sup>P</sup> 0.028         7       0.10V       0.50P       0.28 - 0.54         8       1.6V       9       0.54.5V       Sealed (Port 2,5         Connection Type         de       Connection Type       A basolute (Port 2,1         de       Connection Type       Connection Type         de       Connection Type       Connector Type         de       Connector Type       Connector Type         de       Connector Type       Connector A         Bayonet Connector       Packard Connector       Packard Connector         Packard Connector       Pressure Parsue between 15ps to 10kki (1bar to 700bar) are all available. Change Pressure Code Accordingly.         Port Type Selection       Code       Port Type         G Cable 1m       Coble 5m       Code Selection         Cable 2m       Cable 1m       Soubber         Cable 1m       Connector       Port Type Selection         Standard       Expedite       Port Type Selection         Standard       Code Im BUNA-N 90SH 108.92-WI 183mm         S 1/4-19 BSPT       F 1/4-19 BSPT         F 1/4-19 BSPT       F 1/4-19 BSPT         F 1/4-19 BSPT       F 1/4-19 BSPT         F 1/4-19 BSPT       F 1/4-19			-							
i       0.16V       3.38         i       1.6V       9         0.54.5V       100P       007B         i       150P       007B         i       150P       001B         200P       014B       300P         200P       014P       700B         200P       014P       020B         200P       014P       020B         200P       014P       020B         200P       1418 B275       120B         200P       1418 B275       1			4 1 1 1					_		
9       0.54.5V         Connection Type       1500         Cable, 2 feet       1500         Cable, 3 feet       014B         Cable, 4 feet       014P         Cable, 4 feet       03KP         Cable, 4 feet       05KP         Cable, 10 feet       03KP         Packard Connector       03KP         Packard Connector       05KP         Packard Connector       05KP         Packard Connector       05KP         Cable 2m       Cable 2m         Cable 2m       Cable 2m         Cable 2m       2         Cable 2m       2         Cable 2m       2         Cable 2m       3         Cable 3m       3         Standard       2         Expedite       3         No Snubber       7/16-20UNF Female SAE J513 Straight Thread         Vist Snubber       7/16-20UNF Female SAE J513 Straight Thread         Q			-						<u> </u>	250
Connection Type       200P       014B       200P       014B         200P       014B       300P       020B       300P       020B         Cable, 2 feet       300P       020B       035B       03KP       200B       03KP       200B       035B         Cable, 3 feet       Cable, 4 feet       03KP       200B       03KP       20B       0			4 1 1							
Connection Type         de       Connection Type         Cable, 2 feet       300P         Cable, 2 feet       01KP         Cable, 3 feet       01KP         Cable, 4 feet       03KP         Cable, 10 feet       03KP         Packard Connector A       03KP         Bayonet Connector       03KP         Form A       03KP         Packard Connector B       03KP         M12 Connector       03KP         Cable 1m       03KP         Cable 1m       03KP         Cable 1m       03KP         Cable 1m       03KP         Cable 2m       03KP         Cable 1m       03KP         Cable 1m       03KP         Cable 1m       0         Cable 1m       0      <	Э	0.5-4.5V								ι <u></u> , ι
de       Connection Type         Cable, 2 feet       500P       035B         03KP       200B         04       Connector         1       Cable 1m         1       Cable 2m         1       Cable 10m         1       Cable 2m         5       1/4-18 BSPT         5       1/4-18 BSPT         6       1/8-27 NPT         5       1/4-19 BSPT         6       1/4-19 BSPT								U	Compound	
Cable, 2 feet       Cable, 3 feet         Cable, 3 feet       Cable, 4 feet         Cable, 4 feet       Cable, 4 feet         Cable, 10 feet       05KP         Packard Connector A       Perssure Range between 15psi to 10ksi (1bar to 700bar) are all available.         Packard Connector       Form A         Form A       Cable 2m         Cable 2m       Cable 2m         Cable 2m       Cable 2m         Cable 2m       2         Cable 10m       Amp Connector         Standard       Cable 10m         Standard       Cable 10m         Standard       Cable 10m         Standard       Form C         Standard       Cable 10m         Standard       Cable 2m         Standard       Cable 10m         Standard       Cable 2m         Standard       Cable 2m         Standard       Cable 2m         Standard       Cable 2m         Standard       Cable 10m         No Snubber       With Snubber         No Snubber       Vither 14/19 BSPT         No Snubber       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         Q       M10x1.0mm ISO 6149-2										
Cable, 3 feet         Cable, 4 feet         Cable, 4 feet         Cable, 10 feet         Packard Connector A         Bayonet Connector         Form A         Packard Connector B         M12 Connector         Cable 1m         Cable 2m         Cable 2m         Cable 2m         Cable 5m         Cable 10m         Cable 10m         Amp Connector         Standard         Expedite         Standard         Expedite         No Snubber         With Snubber         Oxygen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         M12 Laser Marking	de	<i>.</i>			-					
Cable, 4 feet         Cable, 10 feet         Packard Connector A         Bayonet Connector         Form C         Form A         Packard Connector         Packard Connector         Form A         Cable 1m         Cable 2m         Cable 3m         Cable 3m         Cable 3m         Cable 1m         Standard         Expedite         Subber         No Snubber         No Snubber         Oxrgen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-businestod v/ Integral Valve Depressor		,								
Cable, 10 feet         Packard Connector A         Bayonet Connector         Form C         Form A         Packard Connector         Packard Connector         Form A         Packard Connector         Packard Connector         Packard Connector         Packard Connector         Packard Connector         Cable 1m         Cable 5m         Cable 5m         Cable 10m         Amp Connector         Standard         Expedite         Standard         With Shubber         Voxgen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         No Shubber         Vith Snubber         No Adhesive Label         1       Label Type         Q       Adhesive Label         1       Laser Marking   Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order		· · · · · · · · · · · · · · · · · · ·								
Packard Connector A         Bayonel Connector         Form C         Form A         Packard Connector         Packard Connector         Form A         Packard Connector B         M12 Connector         Cable 1m         Cable 5m         Cable 5m         Cable 10m         Amp Connector         Standard         Expedite         Snubber         With Snubber         Oxygen Clean B40.1 Level IV         Eabel Type         Q Adhesive Label         1       Laser Marking         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         W M20x1.5mm ISO 6149-2         S M12x1.5mm ISO 6149-2		Cable, 4 feet			0	-				
Bayonet Connector         Form C         Compound pressure range developingly.         Packard Connector B         M12 Connector         Cable 1m         Cable 1m         Cable 2m         Cable 5m         Cable 10m         Cable 10m         Amp Connector         Standard         Expedite         Standard         Expedite         Mit Snubber         Oxygen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         Mit Snubber         Vith Snubber         Oxygen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order	3	Cable, 10 feet			1	0KP 70	00B			
Form C         Form A         Packard Connector B         M12 Connector         Cable 1m         Cable 2m         Cable 5m         Cable 10m         Amp Connector         Standard         Expedite         Standard         With Snubber         Voxygen Clean B40.1 Level IV         Subber         Oxygen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         W M20x1.5mm ISO 6149-2         Subser         No Snubber         With Snubber         Oxygen Clean B40.1 Level IV								to 700ba	ar) are all availabl	e.
Form A         Packard Connector B         M12 Connector         Cable 1m         Cable 2m         Cable 5m         Cable 10m         Amp Connector         Amp Connector         Standard         Expedite         Standard         Expedite         Standard         With Snubber         Oxygen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         M12x1.5mm ISO 6149-2         U G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR	5	Bayonet Connector		Ch	ange Pres	ssure Code Acco	ordingly.			
Portiti A         Packard Connector B         M12 Connector         Cable 1m         Cable 2m         Cable 5m         Cable 10m         Amp Connector         Amp Connector         Standard         Expedite         Standard         Expedite         Standard         Vith Snubber         Vith Snubber         Oxygen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         M12x1.5mm ISO 6149-2         U G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W M20x1.5mm ISO 6149-2	6	Form C		0.			4.4.7.4.5			
Packard Connector B         M12 Connector         Cable 1m       Port Type Selection         Cable 2m       Port Type         Cable 5m       Port Type         Cable 5m       G3/8 JIS B2351         Cable 10m       G3/8 JIS B2351         Amp Connector       G3/8 JIS B2351         Standard       File         Expedite       B G1/4 JIS B2351         Snubber       File         No Snubber       P       7/16-20UNF Female SAE J513 Straight Thread 0/4 JIS B2351         With Snubber       P       7/16-20UNF Female SAE J513 Straight Thread w/ Integral Valve Depressor         Oxygen Clean B40.1 Level IV       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order       M 12x1.5mm ISO 6149-2         U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR       W         W       M20x1.5mm ISO 6149-2	7	Form A							axbarg.	
Image: Construction of the section of the sectin of the section of the section of the section o	9	Packard Connector B		(0.	g. 2001 O.	14.7 10 200030	g, 02000. T to 20	barg)		
Cable 1m       Port Type         Cable 2m       2         Cable 5m       3         Cable 10m       3         Amp Connector       3         Standard       7/16-20UNF Male SAE J1926-2 Straight Thread         O-Ring BUNA-N 90SH ID8.92xW1.83mm       7/16-20UNF Male SAE J1926-2 Straight Thread         O-Ring BUNA-N 90SH ID8.92xW1.83mm       5         Standard       5         Expedite       6         Snubber       B         No Snubber       F         With Snubber       7/16-20UNF Female SAE J513 Straight Thread         With Snubber       7/16-20UNF Female SAE J513 Straight Thread         Voxygen Clean B40.1 Level IV       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         No Adhesive Label       1         Laser Marking       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order	D	M12 Connector				Po	rt Type Selecti	ion		
Cable 2m       2       1/4"-19 BSPP         Cable 5m       3       G3/8 JIS B2351         Cable 10m       4       7/16-20UNF Male SAE J1926-2 Straight Thread O-Ring BUNA-N 90SH IDB.92xW1.83mm         Amp Connector       5       1/4-18 NPT         Standard       5       1/4-19 BSPP Female SAE J1926-2 Straight Thread O-Ring BUNA-N 90SH IDB.92xW1.83mm         Standard       6       1/8-27 NPT         Expedite       6       1/4-19 BSPT         Snubber       6       1/4-19 BSPT         No Snubber       7/16-20UNF Female SAE J513 Straight Thread w/ Integral Valve Depressor         With Snubber       7/16-20UNF Female SAE J513 Straight Thread w/ Integral Valve Depressor         O Adhesive Label       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order       S         M 20x1.5mm ISO 6149-2       S       M12x1.5mm ISO 6149-2         U G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR       W       M20x1.5mm ISO 6149-2	N	Cable 1m			Code					
Cable 5m         Cable 10m         Amp Connector         Amp Connector         Standard         Expedite         Snubber         No Snubber         With Snubber         Oxygen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         0       Adhesive Label         1       Laser Marking         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         W       M20x1.5mm ISO 6149-2         U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2	N	Cable 2m			2	1/4"-19 BSPF				1
Label 10m         Amp Connector         Standard         Expedite         Snubber         No Snubber         With Snubber         Oxygen Clean B40.1 Level IV         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         Marking         Selections in blue (expedite) have a 10-business         With Snubber         O         Adhesive Label         1       Laser Marking	P	Cable 5m			3					
Amp Connector         pping         Standard         Expedite         Snubber         Snubber         No Snubber         With Snubber         Oxygen Clean B40.1 Level IV         Label Type         0       Adhesive Label         1       Laser Marking         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         4       O-Ring BUNA-N 90SH ID8.92xW1.83mm         5       1/4-18 NPT         6       1/8-27 NPT         B       G1/4 JIS B2351         E       1/4-19 BSPT         F       1/4-19 BSPT Female SAE J513 Straight Thread w/ Integral Valve Depressor         N       7/16-20UNF Female SAE J513 Straight Thread         Q       M10x1.0mm ISO 6149-2         S       M12x1.5mm ISO 6149-2         U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2	R	Cable 10m						6-2 Stra	aight Thread	1
Standard         Standard         Expedite         Snubber         No Snubber         With Snubber         Oxygen Clean B40.1 Level IV         Label Type         0       Adhesive Label         1       Laser Marking         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         W M20x1.5mm ISO 6149-2         U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W M20x1.5mm ISO 6149-2	۹.	Amp Connector			4					
Standard         Expedite         Snubber         No Snubber         With Snubber         Oxygen Clean B40.1 Level IV         Label Type         0       Adhesive Label         1       Laser Marking         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         4       M10x1.0mm ISO 6149-2         S       M12x1.5mm ISO 6149-2         U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2	nning				5	1/4-18 NPT				
Expedite       B       G1/4 JIS B2351         Expedite       E       1/4-19 BSPT         No Snubber       F       1/4-19 BSPP Female*         With Snubber       7/16-20UNF Female SAE J513 Straight Thread w/ Integral Valve Depressor         Oxygen Clean B40.1 Level IV       N       7/16-20UNF Female SAE J513 Straight Thread         Q       M10x1.0mm ISO 6149-2       S         Q       M10x1.0mm ISO 6149-2       S         M12x1.5mm ISO 6149-2       U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2       W					6	1/8-27 NPT				1
Snubber       F       1/4-19 BSPT         No Snubber       F       1/4-19 BSPP Female*         With Snubber       7/16-20UNF Female SAE J513 Straight Thread w/ Integral Valve Depressor         Oxygen Clean B40.1 Level IV       N       7/16-20UNF Female SAE J513 Straight Thread         Q       M10x1.0mm ISO 6149-2       S         Q       M10x1.0mm ISO 6149-2       S         M12x1.5mm ISO 6149-2       U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2					В	G1/4 JIS B23	351			
No Snubber         With Snubber         Oxygen Clean B40.1 Level IV         Label Type         0       Adhesive Label         1       Laser Marking         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         V       M10x1.0mm ISO 6149-2         S       M12x1.5mm ISO 6149-2         U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2	Expe	edite			E	1/4-19 BSPT				1
With Snubber         Oxygen Clean B40.1 Level IV         Label Type         0       Adhesive Label         1       Laser Marking         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         With Snubber         W/ Integral Valve Depressor         N       7/16-20UNF Female SAE J513 Straight Thread         Q       M10x1.0mm ISO 6149-2         S       M12x1.5mm ISO 6149-2         U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2		Snubber			F	1/4-19 BSPP	Female*			
With Snubber         Oxygen Clean B40.1 Level IV         Label Type         0       Adhesive Label         1       Laser Marking         Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order         With Snubber         W/ Integral Valve Depressor         N       7/16-20UNF Female SAE J513 Straight Thread         Q       M10x1.0mm ISO 6149-2         S       M12x1.5mm ISO 6149-2         U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2	No	Snubber			_	7/16-20UNF	Female SAE J5	513 Stra	ight Thread	1
Oxygen Clean B40.1 Level IV       N       7/16-20UNF Female SAE J513 Straight Thread         0       Adhesive Label       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order       M       7/16-20UNF Female SAE J513 Straight Thread         0       Adhesive Label       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order       M       7/16-20UNF Female SAE J513 Straight Thread         0       Adhesive Label       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order       S       M12x1.5mm ISO 6149-2         U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR       W       M20x1.5mm ISO 6149-2	_				Р				0	
Label Type       Q       M10x1.0mm ISO 6149-2         0       Adhesive Label       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order       S       M12x1.5mm ISO 6149-2         1       Laser Marking       U       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2					Ν			513 Stra	ight Thread	
Label Type       Selections in blue (expedite) have a 10-business day lead time with a 19-piece maximum order       M12x1.5mm ISO 6149-2         1       Laser Marking       G1/4 DIN 3852 Form E Gasket DIN3869-14 NBR         W       M20x1.5mm ISO 6149-2	U.		_		Q				-	1
0       Adhesive Label         1       Laser Marking			Coloctions in blue (expedite) beve a 10	husingga		M12x1.5mm	ISO 6149-2			
1     Laser Marking       W     M20x1.5mm ISO 6149-2		0 Adhesive Label						ket DIN	3869-14 NBR	1
to pulled installed in installed in the new second of terms		1 Laser Marking	ady load time with a 15 piece maximum		-					
	to onli	ine installation instruction for re	commended torque.		G					1

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