

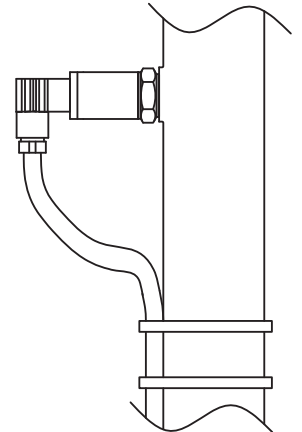
PRESSURE TRANSDUCER INSTALLATION MANUAL



Wiring Connection

⚠ Precautions

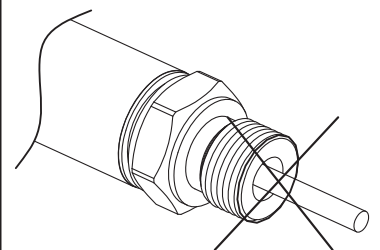
Before installation, please verify that the product matches its intended use, especially the pressure fitting, pressure range, electrical specification and connection.



Can be mounted horizontal or vertical, with pressure port facing downwards. Plug the cable facing downwards to prevent water collection in the cable entry.

Mount transducer before fasten the cable to prevent cable twisting.

Sensitive diaphragm inside. Do not stick anything into the pressure port.



Connection type	Current Output	Voltage Output
BAYONET CONNECTOR 	<p>Pin A: +Supply Pin B: +Supply Other Pins: NC.</p>	<p>Pin A: +Supply Pin B: +Output Pin C: Common Other Pins: NC.</p>
PACKARD CONNECTOR 	<p>Connection: code 4</p> <p>Pin A: +Supply Pin B: +Supply</p> <p>Connection: code 9</p> <p>Pin A: +Supply Pin B: +Supply</p>	<p>Connection: code 4</p> <p>Pin A: +Supply Pin B: Common Pin C: +Output</p> <p>Connection: code 9</p> <p>Pin A: Common Pin B: +Supply Pin C: +Output</p>
CONNECTOR FORM C 	<p>Pin 1: +Supply, Pin 2: -Supply Pin 3: NC, Pin 4: NC.</p>	<p>Pin 1: +Supply, Pin 2: +Output Pin 3: Common, Pin 4: NC.</p>
CONNECTOR FORM A 	<p>Pin 1: +Supply, Pin 2: -Supply, Pin 3: NC, Pin 4: NC.</p>	<p>Pin 1: +Supply, Pin 2: Common, Pin 3: +Output, Pin 4: NC.</p>
M12 CONNECTOR 	<p>Pin 1: +Supply, Pin 2: NC, Pin 3: -Supply, Pin 4: NC.</p>	<p>Pin 1: +Supply, Pin 2: +Output, Pin 3: Common, Pin 4: NC.</p>
CABLE & 1/2" NPT CONDUIT 	<p>① Red +Supply ② Black -Supply</p>	<p>① Red +Supply ② Black Common ③ White +Output</p>
AMP/TE CONNECTOR 	<p>Pin 1: +Supply Pin 2: -Supply Pin 3: NC.</p>	<p>Pin 1: +Supply Pin 2: Common Pin 3: +Output</p>
SUMITOMO HV040 	<p>Pin 1: +Supply Pin 2: -Supply Pin 3: NC.</p>	<p>Pin 1: +Supply Pin 2: Common Pin 3: +Output</p>

NOTES:

- ⚠ NC PINS ARE FOR FACTORY USE ONLY. CUSTOMER SHALL NOT USE THESE CONNECTIONS!
- TORQUE DEPENDS ON DIFFERENT PARAMETERS SUCH AS SEALING MATERIAL, MATING MATERIAL, THREAD LUBRICATION AND PRESSURE LEVEL. TFFT MEANS TURNS FROM FINGER TIGHT.
- FOR CABLE CONNECTION, THE DRAIN WIRE IS TERMINATED TO THE PRESSURE PORT INSIDE THE TRANSMITTER.
- CUSTOMERS ARE RECOMMENDED TO USE SHIELDED CABLE WHEN POSSIBLE FOR BEST SIGNAL STABILITY.
- THE "INSTRUCTIONS" MAY NOT BE ALL APPLICABLE TO CUSTOMER SPECIALS. BE CAUTIOUS ON THE DIFFERENCES ESPECIALLY WIRING.
- FOR MORE PRODUCT INFORMATION, PLEASE REFER TO OUR WEBSITE: WWW.MEAS-SPEC.COM

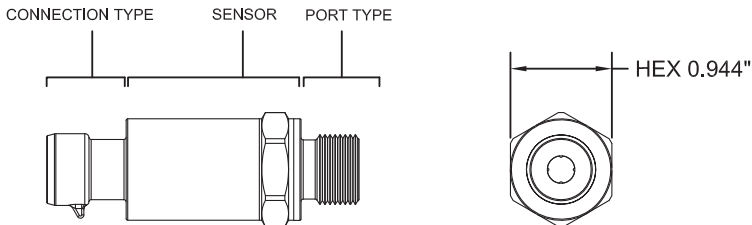
PRESSURE TRANSDUCER INSTALLATION MANUAL



5200 & 5300 STANDARD TRANSDUCER MATRIX

MODEL NO. 2 SERIES: M U			<table border="1"> <tr><th>CODE</th><th>WETTED MAT'L</th></tr> <tr><td>0</td><td>17-4PH(M SERIES)</td></tr> <tr><td>0</td><td>316L (U SERIES)</td></tr> <tr><td>1</td><td>316L(M SERIES)</td></tr> </table>			CODE	WETTED MAT'L	0	17-4PH(M SERIES)	0	316L (U SERIES)	1	316L(M SERIES)	<table border="1"> <tr><th>CODE</th><th>NO SELECTION</th></tr> <tr><td>0</td><td>NO SELECTION</td></tr> <tr><td>1</td><td>OXYGEN CLEAN B40.1 LEVEL IV (ONLY FOR M SERIES)</td></tr> <tr><td>2</td><td>316L SS SNUBBER</td></tr> </table>			CODE	NO SELECTION	0	NO SELECTION	1	OXYGEN CLEAN B40.1 LEVEL IV (ONLY FOR M SERIES)	2	316L SS SNUBBER	<table border="1"> <tr><th>CODE</th><th>LABEL TYPE</th></tr> <tr><td>0</td><td>ADHESIVE LABEL</td></tr> <tr><td>1</td><td>LASER MARKING</td></tr> </table>			CODE	LABEL TYPE	0	ADHESIVE LABEL	1	LASER MARKING																																																																																															
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OUTLINE M5200 U5200 U5300



WEATHER-PROOF RATING

CONNECTION	IP CODE
BAYONET	IP67
PACKARD	IP66
CABLE	IP67
1/2NPT CONDUIT	IP67
M12	IP67
AMP/TE	IP67
FORM C	IP65
FORM A	IP65
SUMITOMO	IP67

CONNECTION TYPES

CONNECTION	DESCRIPTION	MATING HOUSING P/N	MATING TERMINAL P/N	MATING RUBBER SEAL P/N
BAYONET	BAYONET PTH-10-6P OR EQUIV	PT06A-10-6S MIL-C-26482	-	-
PACKARD	3-PIN METRI-PACK 150	12078090	12103881, QTY 3	-
Cable & 1/2NPT CONDUIT	4-WIRE .22 AWG, SHIELDED, PVC JACKET, 105 DEG C	-	-	-
M12	BINDER SERIES 713, 09 3431 77 04 OR EQUIV	4-POS FEMALE, RECOMMENDED WWW.FINECABLES.COM PN:MB12FWAFF04ST-3	-	-
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
SUMITOMO	SUMITOMO 3-PIN HV040	6189-6907	8100-3067 (AWG 20-22) 8100-3068 (AWG 16-18) QTY 3	7165-1075 (INS. DIA 1.1-1.6MM) 7176-0621 (INS. DIA 1.6-1.9MM) 7165-0622 (INS. DIA 1.8-2.2MM), QTY 3

DEALER / REVENDEDOR

Brazil and South America / Brasil e América do Sul



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