

CODE	DESCRIPTION				
2100	CAMERON SCANNER MODEL 2100 FLOW COMPUTER				
X	Enclosure: Explosion-Proof & Weatherproof				
X5	Certification: CSA- for US (National Electrical Code) and Canada (Canadian Electrical Code) Class I, Div 1, Groups C & D, Enclosure 4				
00 X1 HP 4X 4P	Direct Mount Transducer: None, Brass Enclosure plug installed MVT, Multi-Variable with CRN MVT, High Pressure Multi-Variable, No CRN MVT, With CRN and Four additional 3/4" conduit enteries for factory install options (RTD / Comm. / Switches) MVT, High Press, No CRN, with Four additional 3/4" conduit enteries for factory install options (RTD / Comm. / Switches)				
	Multi-Variable Transducer Materials: (Omit code when MVT is not required)				
	Trim package	Pressure rating (PSI)	Diaphragms	1/4"NPT Side Ports	Bolts / Nuts
A	Standard	ALL	316SS	SS Vent Plug	Plated Steel
C	SS bolting	≤ 3000	316SS	SS Vent Plug	316SS
D	NACE (B7M not for offshore)	≤ 1500	316SS	316 SS pipe plug	B7M/ 2HM
E	NACE (Inconel bolting)	ALL	316SS	316 SS pipe plug	Inconel 718
	MVT Certificates and Reports (Omit code when MVT documentation is not required)				
M	Mill Test Reports for MVT (Mill certs significantly increase the price and delivery lead time)				
N	NACE Certificate				
F	Full - NACE Certificate with Mill Test Reports for MVT				
	Multi-Variable Transducer Process Connections: (Omit code when MVT is not required)				
LP	One set on Bottom, for gas service, Vertical piping, Low Profile design				
SI	Two sets on each end, for liquid or steam service, horizontal piping, Normal profile design.				
	Multi-Variable Transducer ranges: (Omit code when MVT is not required)				
0103	100PSIA,30IN H2O				
0320	300PSIA,200IN H2O				
0384	300PSIA,840IN H2O				
0520	500PSIA,200IN H2O				
1520	1500PSIA,200IN H2O				
1540	1500PSIA,400IN H2O				
1584	1500PSIA,840IN H2O				
3020	3000PSIA,200IN H2O	* When SS bolting is selected, 3000psi ranges require transducer code [HP] and are not available with a Canadian CRN. 3000 PSI range with SS bolts has a CRN SWP limit of 2900 PSI . Consult factory for special product marking.			
3040	3000PSIA,400IN H2O				
3084	3000PSIA,840IN H2O				
5320	5300PSIA,200IN H2O	* 5300psi ranges require transducer code [HP] and are not available with a Canadian CRN. 5300 PSI range has a CRN SWP limit of 3710 PSI . Therefore it is possible to measure to 3710 PSI and remain in CRN compliance. Consult factory for special product marking.			
5340	5300PSIA,400IN H2O				
5384	5300PSIA,840IN H2O				
XX1K	>300 PSIA, 1000IN H2O	Special Order			
	Batteries:				
X	None				
8	Lithium - Twin 2D, 7.2 Vdc Square packs- Restricts transportation methods. Batteries may be purchased and shipped separate				



**Scanner 2100
Model Selection Guide**

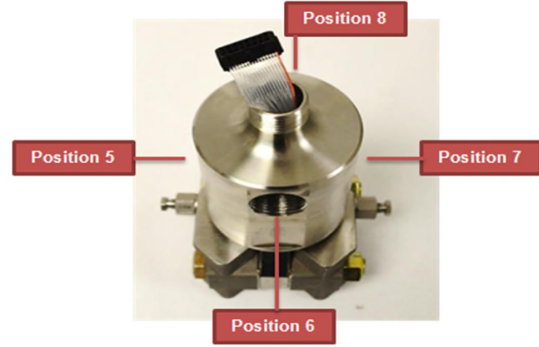
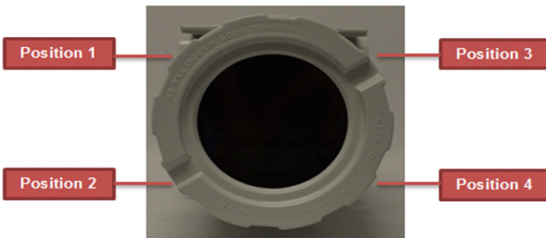
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Effective: 1-Jan-15 **Replaces:**

CODE	DESCRIPTION																																												
00 A1	Expansion Board: (If A1 is selected, the wireless option is not available) None I/O type, 1 Turbine Flow Meter, 2 Analog In, 1 Analog Out, 1 Pulse In																																												
00S	Firmware: Standard with PID control (Requires Expansion board A1)																																												
00	RTD Temperature sensor assembly (factory installed) Note 1: If the 4 additional conduit enteries are ordered (Direct Mount Transducer code 4X or 4P) and the user wants a RTD to be installed in one of these entries then you must select an RTD from this list It will be factory installed to the right when facing the display. If not ordered in Scanner configuration an RTD may only be installed (by others) into one of the main housing conduit enteries. Note 2. Only CSA certification (code X5) is available with this option. Note 3. All thermowells or other RTDs can be found in price book section E and are ordered as separate line items.																																												
00	No RTD <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Series 21 RTD</th> <th style="text-align: center;">Cable length feet</th> <th style="text-align: center;">Probe length inches</th> <th style="text-align: right;">Reference part number</th> </tr> </thead> <tbody> <tr> <td>0H</td> <td style="text-align: center;">5</td> <td style="text-align: center;">5.25</td> <td style="text-align: right;">9A-21-05-2H</td> </tr> <tr> <td>06</td> <td style="text-align: center;">5</td> <td style="text-align: center;">7.625</td> <td style="text-align: right;">9A-21-05-06</td> </tr> <tr> <td>02</td> <td style="text-align: center;">5</td> <td style="text-align: center;">11.625</td> <td style="text-align: right;">9A-21-05-12</td> </tr> <tr> <td>1H</td> <td style="text-align: center;">10</td> <td style="text-align: center;">5.25</td> <td style="text-align: right;">9A-21-10-2H</td> </tr> <tr> <td>16</td> <td style="text-align: center;">10</td> <td style="text-align: center;">7.625</td> <td style="text-align: right;">9A-21-10-06</td> </tr> <tr> <td>12</td> <td style="text-align: center;">10</td> <td style="text-align: center;">11.625</td> <td style="text-align: right;">9A-21-10-12</td> </tr> <tr> <td>3H</td> <td style="text-align: center;">30</td> <td style="text-align: center;">5.25</td> <td style="text-align: right;">9A-21-30-2H</td> </tr> <tr> <td>36</td> <td style="text-align: center;">30</td> <td style="text-align: center;">7.625</td> <td style="text-align: right;">9A-21-30-06</td> </tr> <tr> <td>32</td> <td style="text-align: center;">30</td> <td style="text-align: center;">11.625</td> <td style="text-align: right;">9A-21-30-12</td> </tr> <tr> <td></td> <td style="text-align: center;">Other</td> <td style="text-align: center;">Other</td> <td></td> </tr> </tbody> </table>	Series 21 RTD	Cable length feet	Probe length inches	Reference part number	0H	5	5.25	9A-21-05-2H	06	5	7.625	9A-21-05-06	02	5	11.625	9A-21-05-12	1H	10	5.25	9A-21-10-2H	16	10	7.625	9A-21-10-06	12	10	11.625	9A-21-10-12	3H	30	5.25	9A-21-30-2H	36	30	7.625	9A-21-30-06	32	30	11.625	9A-21-30-12		Other	Other	
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X 1 2	External Explosion Proof Communications Connector None 2 Pin RS485 USB																																												
XX RX 0X R0	Explosion-Proof Switches Mounted on None Momentary Switch Only Toggle Switch Only Momentary and Toggle Switch																																												
0 1	Lockout Option (Available with previous options RX,0X,R0 only) No Lockout With Lockout																																												
00 B0 B1	Smart Mesh Wireless Communications (Internal radio, explosion proof to IS adapter & antenna): None With No Antenna (Supplied as separate line item or by others) not available with expansion board A1 With Right Angle Antenna not available with expansion board A1																																												
B S	Conduit Plugs Brass Plugs Stainless Steel Plugs All unallocated conduit ports must have a plug.																																												

MOUNTING LOCATION OF FACTORY INSTALLED OPTIONS ON SCANNER 2100

Note: If the Scanner is equipped with the optional MVT adapter with four additional conduit openings then the accessory options will automatically be installed in the adapter

Option	Position	
	MVT Adapter	Housing
Momentary Switch	6	4
Toggle Switch	5	2
Communication Adapter	8	1
RTD	7	---
Antenna	---	3



POPULAR OPTIONAL ITEMS ORDERED AS LINE ITEMS, NOT PART OF THE CONFIGURED MODEL

DESCRIPTION	PART NUMBER
2" Pipe Mounting Bracket: Stainless Steel, mounts to side of the electrical enclosure	9A-50268179
RTD Temperature sensor assembly: Consult for various alternatives and configurations	Various
Thermowells: Nominal 0.26" (6.6 mm) bore, 1/2" FNPT instrument connection. Consult for various materials, process connections, insertion lengths and options	Various
5 Valve manifold: Consult for direct or remote mount and materials	Various
Software: ModWorX Pro, Scanner Data Manager, ScanMod, ScanFlash plus I/O manual. No charge from website	50263697 (for CD)
Services: Firmware configuration services, Start-up assistance and Training	
Tagging: Stainless Steel, wired on. Approx. 3" X 1 " laser etched #10 font, 5 lines, 45 character per line, single sided	9A-SSTAG-1-X-3