

**ORDERING INFORMATION**

Some modules require two positions on the MODCELL or MOD 30ML.

Maximum available positions:

MOD 30ML - 11

MODCELL - 32 (at least 2 positions must be used for a communication network for downloading and monitoring)

|                                                                                | Positions | Power | Model No.    |
|--------------------------------------------------------------------------------|-----------|-------|--------------|
| <b>Analog Input &amp; Output - isolated</b>                                    |           |       |              |
| Voltage Input (+/- 100mv, +/- 10V) <sup>1</sup>                                | 1         | 80mA  | 2001AZ10101C |
| RTD Input (2-wire, 1000 ohm nominal resistance)                                | 1         | 80mA  | 2009AZ10220B |
| RTD Input (3-wire, 100 ohm nominal resistance) <i>Limited availability</i>     | 2         | 80mA  | 2009AZ10130B |
| Thermocouple Input (supports type B,E,J,K,N,R,S,T and calibrated) <sup>1</sup> | 1         | 80mA  | 2013AZ10101C |
| Current Input/Output - switch selectable (4-20mA / 0-20mA) <sup>1</sup>        | 1         |       | 2014AZ10101A |
| Selected as current input non-2 wire                                           |           | 75mA  |              |
| Selected as current input 2-wire transmitter OR current output                 |           | 250mA |              |
| <b>Digital Input - Isolated</b>                                                |           |       |              |
| 2.5 to 28V dc                                                                  | 1         | 12mA  | 2004AP10100A |
| 4 to 16V dc                                                                    | 1         | 12mA  | 2004AP10110A |
| 10 to 32V dc, 12 to 32V ac                                                     | 1         | 12mA  | 2004AP10120A |
| 35 to 60V ac/dc                                                                | 1         | 12mA  | 2004AP10130A |
| 90 to 140V ac/dc                                                               | 1         | 12mA  | 2004AP10140A |
| 180 to 280V ac/dc                                                              | 1         | 12mA  | 2004AP10150A |
| <b>Digital Output - Isolated</b>                                               |           |       |              |
| 5 to 60V dc                                                                    | 1         | 12mA  | 2005AP21100A |
| 5 to 200V dc                                                                   | 1         | 12mA  | 2005AP21110A |
| 12 to 140V ac, SPST, NO                                                        | 1         | 12mA  | 2005AP21120A |
| 24 to 280V ac, SPST, NO                                                        | 1         | 12mA  | 2005AP21130A |
| 24 to 280V ac, SPST, NC                                                        | 1         | 12mA  | 2005AP21140A |
| <b>Digital Input - Nonisolated</b>                                             |           |       |              |
| 2.2V to 24V dc (contains internal 5V supply for direct hardwire connection)    | 1         | 10mA  | 2006AZ10100A |
| <b>Digital Output - Nonisolated</b>                                            |           |       |              |
| 25V, 50mA TTL (open collector switch supports 5V TTL)                          | 1         | 20mA  | 2007AZ10100A |
| <b>Mechanical Relay Output - isolated</b>                                      |           |       |              |
| Dual SPST, NO/NO (2 outputs)                                                   | 2         | 140mA | 2011AZ10100A |
| Dual SPST, NC/NC (2 outputs)                                                   | 2         | 140mA | 2011AZ10110A |
| Dual SPST, NO/NC (2 outputs)                                                   | 2         | 140mA | 2011AZ10120A |

**COMMUNICATION MODULES**

|                                                                     |   |       |              |
|---------------------------------------------------------------------|---|-------|--------------|
| One maximum per MOD 30ML; up to 3 per MODCELL                       |   |       |              |
| Instrument Communications Network (ICN)                             | 2 | 300mA | 2030NZ10000B |
| ICN Termination Assembly for Flushmount MODCELL (1 per ICN network) |   | 200mA | 2030FZ00002A |
| ICN Termination Assembly for MOD 30ML (1 per ICN network)           |   | 200mA | 2030FZ00001A |
| Serial Communications for Modbus RTU:                               |   |       |              |
| RS-232                                                              | 2 | 180mA | 2033NZ10000A |
| RS-485, 4-wire                                                      | 2 | 180mA | 2034NZ10000A |
| Ethernet Interface Module for MOD 30ML**                            | 2 | 275mA | 2040NZ10000A |
| Ethernet Interface Module for MODCELL                               | 2 | 275mA | 2041NZ10000A |

\*\*The MOD 30ML with Ethernet termination is shipped with the 2040NZ factory-installed. The module is listed here as a spare/replacement part only.

**Note 1:** 2001AZ10101C is a direct replacement for 2001AZ10101B.  
 2013AZ10101C is a direct replacement for 2013AZ10101B.  
 2014AZ10101A is a direct replacement for 2002AZ10101B, 2012AZ10101B, and 2003AZ10101A.

The Company's policy is one of continuous product improvement and the right is reserved to modify the information contained herein without notice.

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