

## SINGLE STAGE 680kPa OUTLET PRESSURE REGULATOR ORDERING MATRIX

The following ordering matrix is to be used to determine the correct part number for the regulator configuration required. A value from each column must be chosen to ensure the correct regulator is supplied.

| Base Regulator            | Gas Code               | Inlet Fitting                  | Outlet Valve        | Outlet Fitting       |
|---------------------------|------------------------|--------------------------------|---------------------|----------------------|
| GR1CBO                    | AC = Acetylene         | 00 = None                      | 0 = None            | 0 = None             |
|                           | AI = Air               | A1 = AS Type 10, BS 3          | N = Needle Valve    | 2 = 1/2" Compression |
|                           | AR = Argon             | A2 = AS Type 20, BS 2, BS 4    | V = Isolation Valve | 4 = 1/4" Compression |
|                           | BI = Butadiene         | A3 = AS Type 30, BS 8, DIN 6   |                     | 5 = 5/8-18 UNF RH    |
|                           | BU = Butane            | A4 = AS Type 31, BS 6, DIN 7   |                     | 6 = 5/8-18 UNF LH    |
|                           | BY = Butylene (Butene) | A5 = AS Type 32, BS 10         |                     | 8 = 1/8" Compression |
|                           | CD = Carbon Dioxide    | A6 = AS Type 50                |                     | A = 1/4" Hose Barb   |
|                           | CM = Carbon Monoxide   | A7 = AS Type 60                |                     | B = 3/8" Hose Barb   |
|                           | DE = Deuterium         | A8 = AS Type 51                |                     |                      |
|                           | EA = Ethane            | B1 = BS 14, AS Type 44, DIN 11 |                     |                      |
|                           | EY = Ethylene (Ethene) | B2 = BS 15, AS Type 45, DIN 14 |                     |                      |
|                           | HE = Helium            | C1 = CGA 180                   |                     |                      |
|                           | HY = Hydrogen          | C2 = CGA 330                   |                     |                      |
|                           | KR = Krypton           | C3 = CGA 350                   |                     |                      |
|                           | ME = Methane           | C4 = CGA 580                   |                     |                      |
|                           | NE = Neon              | C5 = CGA 660                   |                     |                      |
|                           | NI = Nitrogen          | C6 = CGA 540                   |                     |                      |
|                           | NS = Nitrous Oxide     | C7 = CGA 590                   |                     |                      |
|                           | OX = Oxygen            | D1 = DIN 1                     |                     |                      |
|                           | LP = Propane (LPG)     | D2 = DIN 6, AS Type 30         |                     |                      |
| PR = Propylene (Propene)  | D3 = DIN 8             |                                |                     |                      |
| SI = Silane               |                        |                                |                     |                      |
| SH = Sulphur Hexafluoride |                        |                                |                     |                      |
| XE = Xenon                |                        |                                |                     |                      |
| GR1SBO                    | AM = Ammonia           |                                |                     |                      |
|                           | AS = Arsine            |                                |                     |                      |
|                           | CH = Chlorine          |                                |                     |                      |
|                           | HC = Hydrogen Chloride |                                |                     |                      |
|                           | HS = Hydrogen Sulphide |                                |                     |                      |
|                           | ND = Nitrogen Dioxide  |                                |                     |                      |
|                           | NC = Nitric Oxide      |                                |                     |                      |
|                           | SD = Sulphur Dioxide   |                                |                     |                      |

These gases are suitable for both chrome-plated brass and full stainless steel regulators.

Due to the properties of these gases, it is recommended that only full stainless steel regulators be used.