

**B3 Series**

**B3 1 0 B B 5 49 - C**

| Basic series |    |
|--------------|----|
| B3 series    | B3 |

| Engineering level |             |
|-------------------|-------------|
| C                 | Current     |
| CL                | CSA Current |

| Operator Function   |   |
|---|---|
| 3-way   |   |
| Single solenoid, 2-position NC - air return                     | G |
| Single solenoid, 2-position NO - air return                     | H |
| Double solenoid, 2-position                                     | J |
| Single remote pilot, 2-position NC - air return                 | K |
| Single remote pilot, 2-position NO - air return                 | L |
| Double remote pilot, 2-position                                 | M |
| Single solenoid, 2-position NC - air return / spring assist     | V |
| Single solenoid, 2-position NO - air return / spring assist     | W |
| Single remote pilot, 2-position NC - air return / spring assist | X |
| Single remote pilot, 2-position NO - air return / spring assist | Y |
| 4-way   |   |
| Single solenoid, 2-position - air return                        | 1 |
| Double solenoid, 2-position                                     | 2 |
| Single remote pilot, 2-position - air return                    | 3 |
| Double remote pilot, 2-position                                 | 4 |
| Double solenoid, 3-position - APB                               | 5 |
| Double solenoid, 3-position - CE                                | 6 |
| Double solenoid, 3-position - PC                                | 7 |
| Double remote pilot, 3-position - APB                           | 8 |
| Double remote pilot, 3-position - CE                            | 9 |
| Double remote pilot, 3-position - PC                            | 0 |
| Single solenoid, 2-position - air return / spring assist        | E |
| Single remote pilot, 2-position - air return / spring assist    | F |

| Options |                                   |
|---------|-----------------------------------|
| Blank   | None                              |
| 02      | Solenoid rotated 180° - pins down |

|    | Voltage <sup>§</sup>                          |      |    |
|----|---|------|----|
|    | AC  |      | DC |
|    | 60Hz  | 50Hz |    |
| 42 | 24  | 22   |    |
| 45 |   |      | 12 |
| 49 |   |      | 24 |
| 53 | 120   | 110  |    |
| 57 | 240   | 230  |    |
| XX | Remote pilot - M5 or valve less 15mm solenoid |      |    |
| YY | Remote pilot - 5/32" (4mm) tube               |      |    |

| Enclosure / lead length |                                   |
|-------------------------|-----------------------------------|
| 0                       | None, remote pilot valve          |
| 5                       | 15mm 3-pin DIN 43650C (male only) |
| X                       | Valve less 15mm solenoid          |

| Overrides <sup>§</sup> |                          |
|------------------------|--------------------------|
| 0                      | None, remote pilot valve |
| B                      | Flush - non-locking      |
| C                      | Flush - locking          |
| D                      | Extended - non-locking   |
| E                      | Extended - locking       |
| X                      | Valve less 15mm solenoid |

| Port size / thread type |     |
|-------------------------|-----|
| 3-way                   |     |
| 1/8" NPT inline         | 0*  |
| 1/8" BSPP "G" inline    | 5*  |
| 4-way                   |     |
| 1/8" NPT inline         | 0*  |
| 1/8" BSPP "G" inline    | 5*  |
| 1/4" NPT subbase        | H†  |
| 1/8" NPT face mount     | T** |
| Subbase valve less base | V‡  |

\* Available for use on IEM Manifolds.  
 \*\* 4-way only.  
 † Subbase valves available for 4-way valves only, included base.

| Pilot source / pilot exhaust |                                  |
|------------------------------|----------------------------------|
| 0                            | None, remote pilot valve         |
| B†                           | Internal - port #1 / vented      |
| E*                           | Dual pressure - port #3 / vented |
| K†                           | External - body / tapped M5      |
| X†                           | External - manifold / vented     |

\* Not available for 3-way Valves.  
 † Not available for Remote Pilot Valves.  
 ‡ See Pilot Source Note below.

§ Enclosure '5'  
 - Override / Voltage Availability

S - Standard  
 O - Option

| Voltage code | Override code |   |   |   |
|--------------|---------------|---|---|---|
|              | Standard      |   |   |   |
|              | B             | C | D | E |
| 42           | O             | O | - | - |
| 45           | O             | O | - | - |
| 49           | S             | S | O | O |
| 53           | S             | S | O | O |
| 57           | O             | O | - | - |

  

| Voltage code | "02" Option |   |   |   |
|--------------|-------------|---|---|---|
|              | B           | C | D | E |
| 42           | O           | O | - | - |
| 45           | O           | O | - | - |
| 49           | S           | S | O | O |
| 53           | S           | S | O | O |
| 57           | O           | O | - | - |

**Pilot Source 'X'**  
 External-Manifold / Vented

**INLINE & SUBBASE Valves -**  
 Only used IF an IEM or 5-Ported Subbase Aluminum Bar Manifold requires a common external pilot signal through the manifold for low pressure / vacuum applications OR when used with Sandwich Regulators.

Most popular.



For inventory, lead time, and kit lookup, visit [www.pdnplu.com](http://www.pdnplu.com)

**C**

Inline Valves

Viking Lite

Viking Extreme

"B" Series

Air Saver Unit

ADEX Series

"N" Series