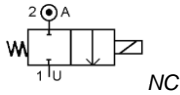


Media: air – water – gas – vacuum 10<sup>-6</sup> torr  
 Pressure range: 0 to 150 Bar max  
 Media temperature: +180°C max\*  
 Ambient temperature: -20°C to +60°C  
 Media viscosity: 50 centistokes max  
 Mounting: any position  
 Weight: 1750g per set



# 2/2 Brass

## 1/8 & 1/4 MANIFOLD

### NORMALLY CLOSED

### 2 WAY DIRECT ACTING

### 0 – 150 Bar

# TYPE ADF6/8000



#### PRESSURE

| Ø Port BSP  | Ø Orifice (mm) | Flow Kv Ltr/min | Pressure Rating (Bar) ΔP |        |                            | Coil | Seals                      | Part Number                           |                            |
|-------------|----------------|-----------------|--------------------------|--------|----------------------------|------|----------------------------|---------------------------------------|----------------------------|
|             |                |                 | Min                      | Max AC | Max DC                     |      |                            |                                       |                            |
| 1/8<br>6000 | 1.2            | 1.0             | 0                        | 60     | 42                         | WPG1 | NBR<br>+100°C Max          | ADF6/8012 + seal + voltage            |                            |
|             | 1.6            | 1.3             | 0                        | 40     | 28                         |      |                            | ADF6/8016 + seal + voltage            |                            |
|             | 2.0            | 1.6             | 0                        | 20     | 15                         |      |                            | ADF6/8020 + seal + voltage            |                            |
|             | 1/4<br>8000    | 1.2             | 1.0                      | 0      | 120                        | 84   | WPG2                       | Silicone<br>EPDM<br>FKM<br>+120°C Max | ADF6/8112 + seal + voltage |
|             |                | 1.6             | 1.3                      | 0      | 60                         | 42   |                            |                                       | ADF6/8116 + seal + voltage |
|             |                | 2.0             | 1.6                      | 0      | 30                         | 21   |                            |                                       | ADF6/8120 + seal + voltage |
|             |                | 3.0             | 3.7                      | 0      | 20                         | 14   |                            |                                       | ADF6/8130 + seal + voltage |
|             |                | 4.0             | 8.3                      | 0      | 12                         | 8.4  |                            |                                       | ADF6/8140 + seal + voltage |
|             |                | 5.0             | 9.2                      | 0      | 10                         | 7    |                            |                                       | ADF6/8150 + seal + voltage |
|             |                | 1.2             | 1.0                      | 0      | 150                        | 105  |                            |                                       | WPA3C                      |
| 1.6         | 1.3            | 0               | 80                       | 56     | ADF6/8216 + seal + voltage |      |                            |                                       |                            |
| 2.0         | 1.6            | 0               | 60                       | 42     | ADF6/8220 + seal + voltage |      |                            |                                       |                            |
| 3.0         | 3.7            | 0               | 40                       | 28     | ADF6/8230 + seal + voltage |      |                            |                                       |                            |
| 4.0         | 8.3            | 0               | 20                       | 14     | ADF6/8240 + seal + voltage |      |                            |                                       |                            |
| 5.0         | 9.2            | 0               | 15                       | 10.5   |                            |      | ADF6/8250 + seal + voltage |                                       |                            |

#### OPTIONS

WPG IP67 (EN60529:1991+A1:2000) UL & CSA Approved Coil & IP65 LED Connector PG11 – DIN 43650 A, WPA3C IP54  
 Brass manifold 1/4 BSP port (2 – 10 Stations)  
 ATEX EExmII T4 II 2G & 2D IP65 T130°C (WPG1 Pressure same, WPG2 70% of DC rating, WPA3C not available)  
 NPT Thread  
 PTFE, VST, Neoprene, ECO, HNBR or Hypalon Seals

#### ELECTRICAL DATA

|   | Voltage (-10% + 10%)<br>Continuous duty 100% | Coil  | Power Consumption |         | Insulation class | Enclosure                  | Electrical connections                         |
|---|----------------------------------------------|-------|-------------------|---------|------------------|----------------------------|------------------------------------------------|
|   |                                              |       | Inrush            | Holding |                  |                            |                                                |
| ~ | 24 - 48 - 110 - 220 - 380 (50/60 Hz)         | WPG1  | 11.2VA            | 8.2VA   | H 180°C          | IP 65<br>with<br>connector | 3 spades<br>DIN 43650<br>DIN 40050<br>VDE 0110 |
| = | 12 - 24 - 48 (DC)                            |       | 12 Watts          |         |                  |                            |                                                |
| ~ | 24 - 48 - 110 - 220 - 380 (50/60 Hz)         | WPG2  | 18.7VA            | 15.3VA  |                  |                            |                                                |
| = | 12 - 24 - 48 (DC)                            |       | 18 Watts          |         |                  |                            |                                                |
| ~ | 24 - 48 - 110 - 220 - 380 (50/60 Hz)         | WPA3C | 37.5VA            | 27.5VA  | N 200°C          | IP54                       | 30cm flying<br>lead wires                      |
| = | 12 - 24 (DC)                                 |       | 22.6 Watts        |         |                  |                            |                                                |

#### CONSTRUCTION

Body: Brass  
 Tube and internal parts: Stainless steel  
 Seals and gaskets: FKM (Optional EPDM, NBR, Silicone, PTFE, VST, Neoprene, ECO, HNBR, Hypalon, Butyl IIR)  
 Moulded coil WPG: Resin, WPA3C round metal enclosure

#### REPAIR KIT

|          |                                   |
|----------|-----------------------------------|
| Armature | SP + Valve Part Number + ARMATURE |
| Coil     | WPG1, WPG2 or WPA3C + voltage     |

#### OVERALL DIMENSIONS

