

#### Features

- \* ISO 1, ISO 2 solenoid valve.
- \* Aluminum alloy body.
- \* With single sub base which is identical to ISO 1 & ISO 2 standard.
- \* Coil nut is available, please refer to page 7-4.
- \* Ex-proof coil is available, please refer to page 7-8.



#### How to order

| PS520        | F          | 02                                              | N                        | S                                      | 2                               | LED                | E1                                                                                                       |
|--------------|------------|-------------------------------------------------|--------------------------|----------------------------------------|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|
| PS520 series | Sub Base   | Port size                                       | Thread                   | Solenoid                               | Voltage                         | LED                | Coil type                                                                                                |
| 5/2 way      | Blank<br>F | 02 1/4" ISO 1<br>03 3/8" ISO 2<br>04 1/2" ISO 2 | Blank G<br>N NPT<br>R Rc | S Single solenoid<br>D Double solenoid | 1 110VAC<br>2 220VAC<br>9 24VDC | Blank<br>(W/O LED) | Blank DIN<br>F Lead wire<br>E1 EX-proof 22mm width<br>E2 EX-proof 30mm width<br>E3 EX-proof CSA standard |

#### How to order sub base

\* Please refer to page P7-8 for the details of ex-proof coil.

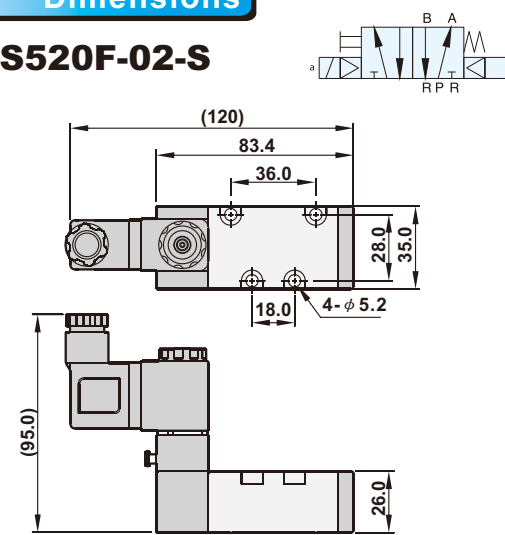
| ZESF         | 02                                              |
|--------------|-------------------------------------------------|
| PS520 series | Port size                                       |
|              | 02 1/4" ISO 1<br>03 3/8" ISO 2<br>04 1/2" ISO 2 |

#### Specifications

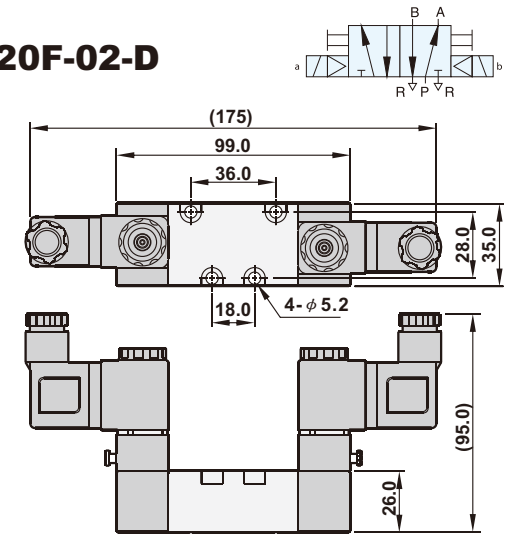
| Model                    | PS520-02-S                                            | PS520-02-D  | PS520-03(4)-S     | PS520-03(4)-D |
|--------------------------|-------------------------------------------------------|-------------|-------------------|---------------|
| Port size                | 1/4"                                                  |             | 3/8" (1/2")       |               |
| Body material            | Aluminum alloy                                        |             |                   |               |
| Effective area           | 29mm <sup>2</sup>                                     |             | 62mm <sup>2</sup> |               |
| Fluid                    | Compressed air                                        |             |                   |               |
| Acting                   | Internal pilot                                        |             |                   |               |
| Operating pressure range | 1.5 ~ 8 kgf/cm <sup>2</sup>                           |             |                   |               |
| Proof pressure           | 9.99 kgf/cm <sup>2</sup>                              |             |                   |               |
| Ambient temperature      | -10℃ ~ 60℃                                            |             |                   |               |
| Duty cycle               | 100% ED                                               |             |                   |               |
| Coil type                | DIN                                                   |             |                   |               |
| Protection class         | IP65 (DIN 40 050)                                     |             |                   |               |
| Insulation class         | F                                                     |             |                   |               |
| Voltage tolerance        | ±10%                                                  |             |                   |               |
| Standard voltage         | 220VAC, 110VAC, 24VDC (The other voltage is optional) |             |                   |               |
| Net weight (W/I base)    | 320g (500g)                                           | 460g (640g) | 700g (980g)       | 840g (1120g)  |

#### Dimensions

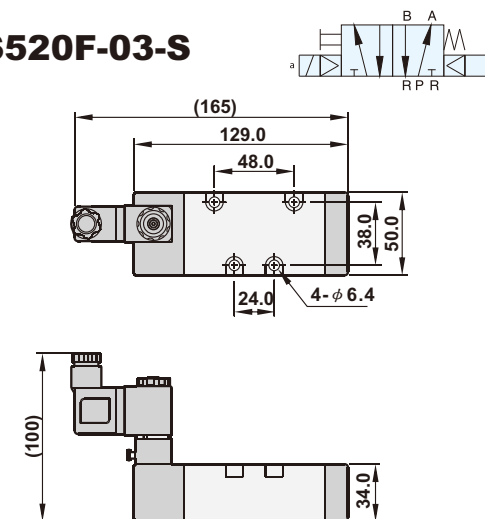
##### PS520F-02-S



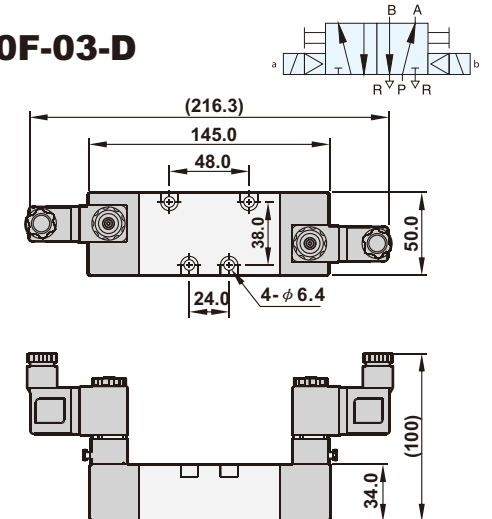
##### PS520F-02-D



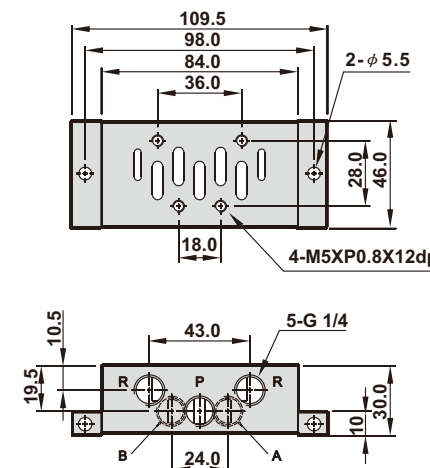
##### PS520F-03-S



##### PS520F-03-D



##### ZESF-02



##### ZESF-03,04

