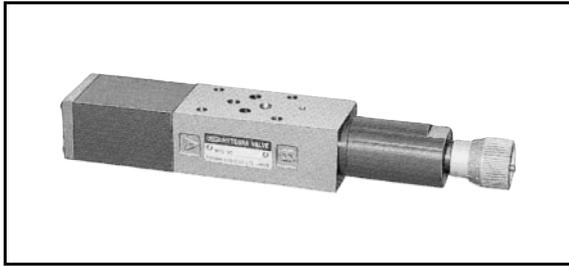
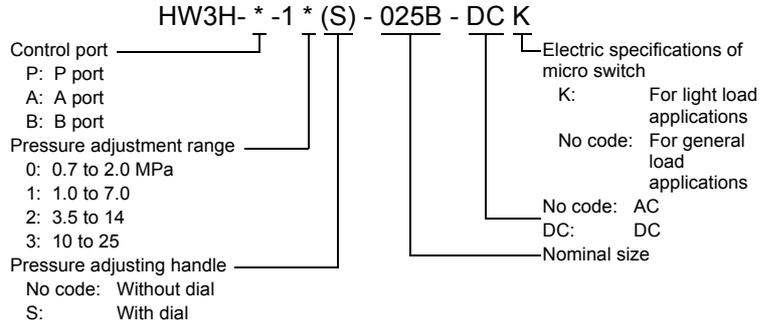


PRESSURE SWITCH (HW3H)



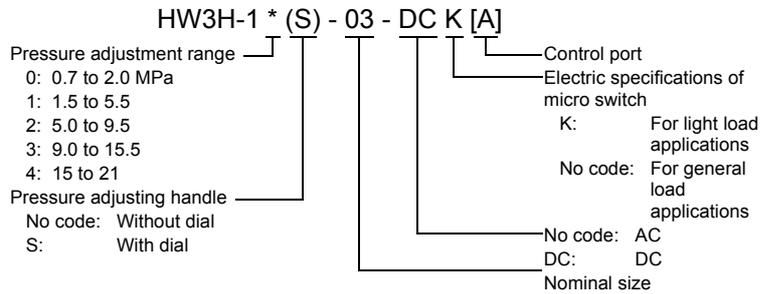
MODEL DESIGNATION

● Size 025

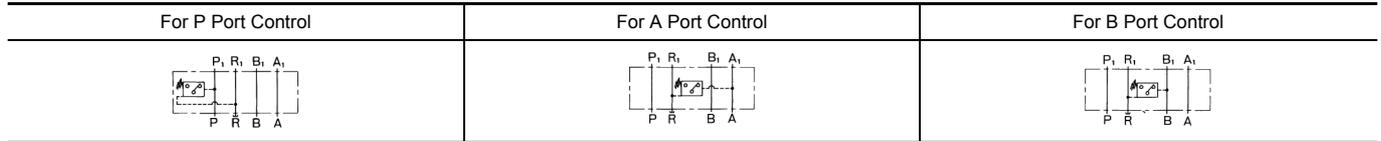


| | For Light Load Applications | For General Load Applications |
|------------------------------|-----------------------------|-------------------------------|
| Micro Switch Electric Rating | 5 to 30 VDC 1 to 100 mA | 5 to 30 VDC 0.1 to 4 A |

● Size 03



SYMBOLS



SPECIFICATIONS

● Size 025

| Controlled Port | Model | Max. Operating Pressure (MPa) | Rated Flow (L/min) | Max. Flow (L/min) | Pressure Adjustment Range (MPa) |
|-----------------|-----------------------|-------------------------------|--------------------|-------------------|---|
| P | HW3H-P-1*-025B(-DC*) | 25 | 20 | 40 | * symbol 0: 0.7 to 2 1: 1 to 7 2: 3.5 to 14 3: 10 to 25 |
| | HW3H-P-1*S-025B(-DC*) | | | | |
| A | HW3H-A-1*-025B(-DC*) | | | | |
| | HW3H-A-1*S-025B(-DC*) | | | | |
| B | HW3H-B-1*-025B(-DC*) | | | | |
| | HW3H-B-1*S-025B(-DC*) | | | | |

NOTE: When ordering a pressure switch, please specify the operating voltage in addition to the model name.
When operating with DC power, specify the micro switch code at the end of model designation as indicated below.
For general load application: “-DC”
For light load application: “-DCK”

● Size 03

| Controlled Port | Model | Max. Operating Pressure (MPa) | Rated Flow (L/min) | Max. Flow (L/min) | Pressure Adjustment Range (MPa) |
|-----------------|-----------------------|-------------------------------|--------------------|-------------------|--|
| P | HW3H-1*-03(-DC*) [P] | 21 | 40 | 80 | * symbol 0: 0.7 to 2 1: 1.5 to 5.5 2: 5 to 9.5 3: 9 to 15.5 4: 15 to 21 |
| | HW3H-1*S-03(-DC*) [P] | | | | |
| A | HW3H-1*-03(-DC*) [A] | | | | |
| | HW3H-1*S-03(-DC*) [A] | | | | |
| B | HW3H-1*-03(-DC*) [B] | | | | |
| | HW3H-1*S-03(-DC*) [B] | | | | |

NOTE: When ordering a pressure switch, please specify the operating voltage in addition to the model name.
When operating with DC power, specify the micro switch code between nominal size and control port designations as indicated below.
For general load application: “-DC”
For micro load application: “-DCK”

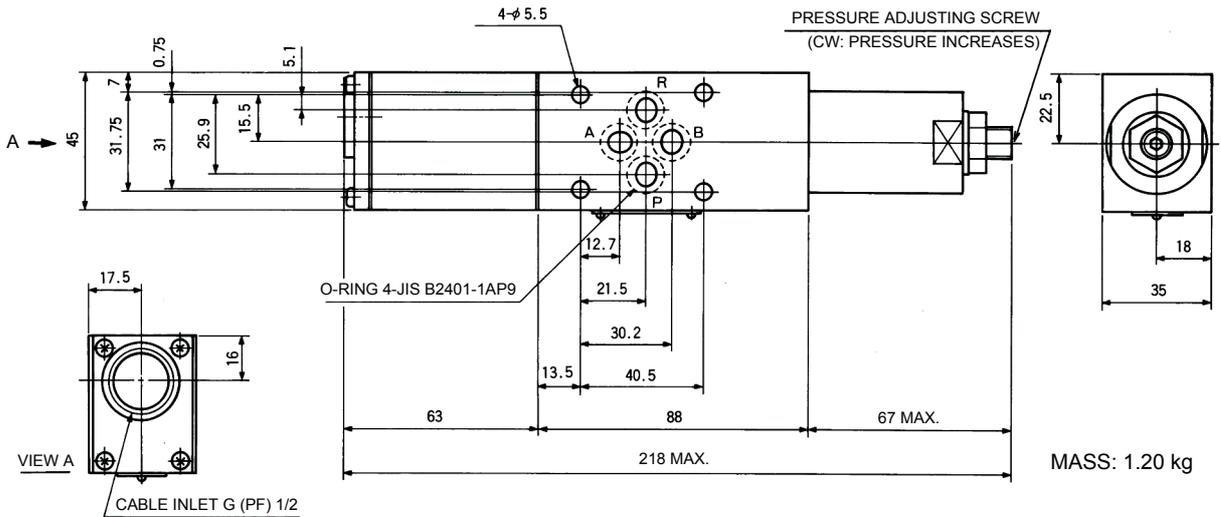
OPERATING VOLTAGE RANGE (COMMON TO SIZE 025 AND 03)

| | |
|----|----------------|
| AC | 100 to 240 VAC |
| DC | 12 to 24 VDC |

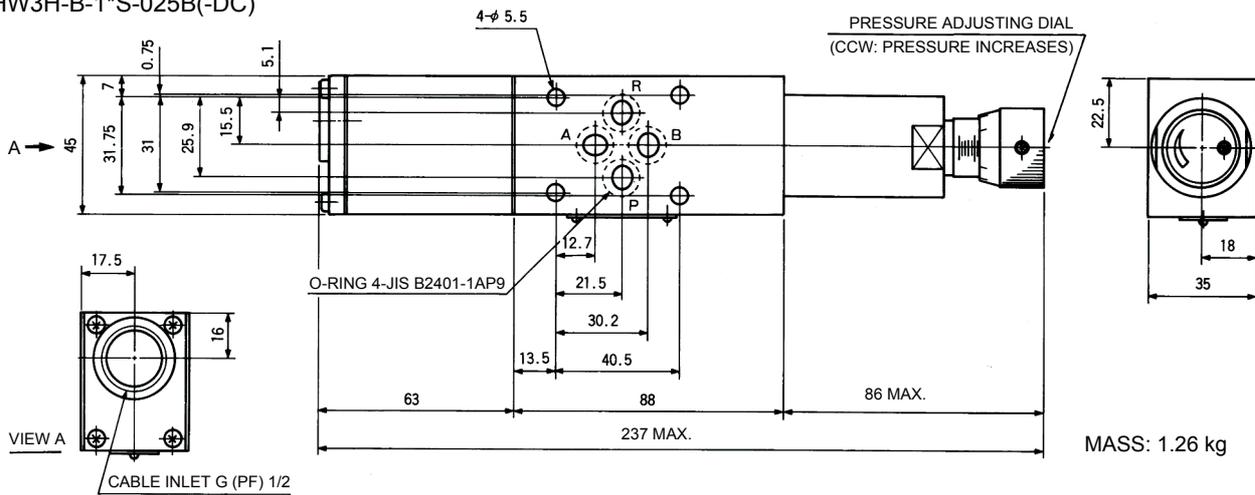
- NOTE 1:** Do not use HW3H-*⁻¹*(S)-025B-DC (for general load application) with a small current. This will cause contact failure.
- NOTE 2:** For cable connection, use a sealed connector and tighten the mounting screws of the plastic cover with a torque of approximately 1 N-m. If the sealing is imperfect, silicon gas in the atmosphere will enter the pressure switch, causing contact failure of the micro switch.
- NOTE 3:** To ensure high contact reliability, secure a pressure difference of at least 0.5 MPa between the source pressure and the setting pressure.

EXTERNAL DIMENSIONS

- HW3H-P-1*-025B(-DC)
- HW3H-A-1*-025B(-DC)
- HW3H-B-1*-025B(-DC)



- HW3H-P-1*S-025B(-DC)
- HW3H-A-1*S-025B(-DC)
- HW3H-B-1*S-025B(-DC)



● HW3H-1*(S)-03(-DC)

