Kneeling Manifold

K990073 Series

- Compact, light weight
- Fully integrated airbag control
- Anodized for corrosion resistance
- Packard Electrical connection options
- Eliminates need for multiple valves

Technical Data

Medium:
Filtered and lubricated or non-lubricated compressed air

Operating pressure:
70 to 120 psig (4.8 to 8.3 bar)

Operating temperature:
-40°F to 160°F (-40° to 71°C)

Weight:
4 lbs. (1.8 kg)

Power/voltage:
24 Nominal (16-32) VDC
3.4 watt

Enclosure classification:
IP64 per DIN 40050

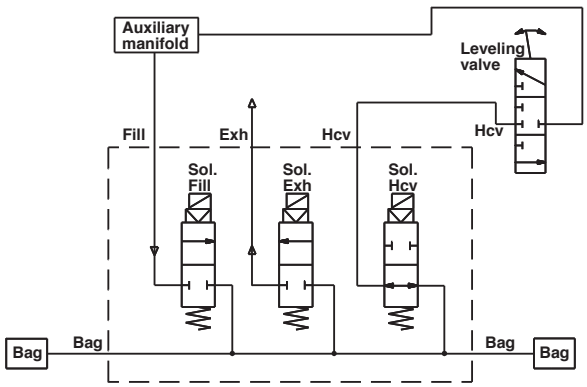
Operation:
Energize the level solenoid to block communication of the height control valve. Then energize the exhaust solenoid to initiate kneel. De-energize the exhaust solenoid and energize the fill solenoid to allow bus to quickly rise up. Then de-energize the fill solenoid and level solenoid to allow communication of the height control valve.
Note: HCV solenoid must be energized and remain on when kneeling the bus/coach.

Material

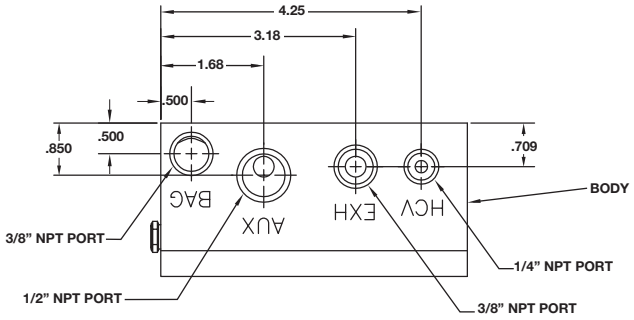
Body: Aluminum
Elastomers: Carboxylated Nitrile

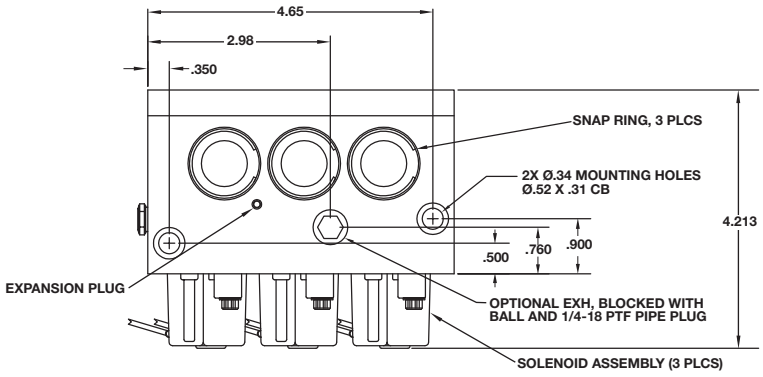
Models

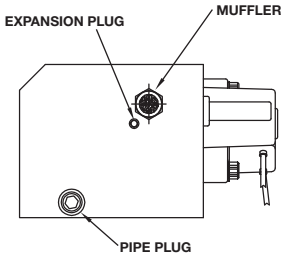
Model	Power/voltage	Weight
K990073	24 nominal (16-32) VDC, 3.4 watt	4 lbs. (1.8 kg)

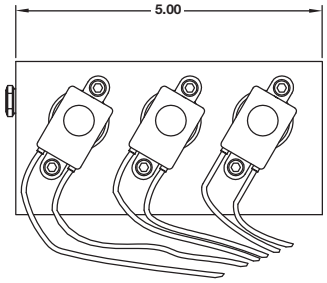


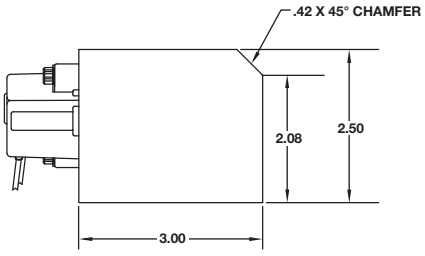
Specifications











Function	Port Size HCV	EXH	AUX	BAG
Two 3/2 NC and one 3/2 N/O	1/4" NPT	3/8" NPT	1/2"NPT	3/8" NPT