

Pneumatic Motion Transmitter

Model HTM

OVERVIEW

Model HTM pneumatic motion transmitter converts changes of valve openings, actuator strokes, and other items to pneumatic signals, and transmits them to a valve positioner. As a family product of our Model HTP valve positioner this is composed of a common mechanism and common parts. By adding a gasket for Model HTM to Model HTP valve positioner, this Model HTM can function as a motion transmitter.

SPECIFICATIONS

Output:

20 to 100 kPa {0.2 to 1.0 kgf/cm²}
 20 to 60 kPa {0.2 to 0.6 kgf/cm²}, 60 to 100 kPa {0.6 to 1.0 kgf/cm²} (Optional)

Output characteristics:

Linear

Supply air pressure:

140 to 270 kPa {1.4 to 2.8 kgf/cm²}
 340 kPa {3.5 kgf/cm²}

Air consumption:

7 Nl/min. or under (normal state, supply air pressure 140 kPa {1.4 kgf/cm²})

Travel adjustable range:

12 to 100 mm (Rotaing angle 50°)
 6 to 12 mm (Optional)

Air piping connection:

Rc 1/4 or 1/4 NPT inernal thread

Ambient temperature:

-25 to +60 °C

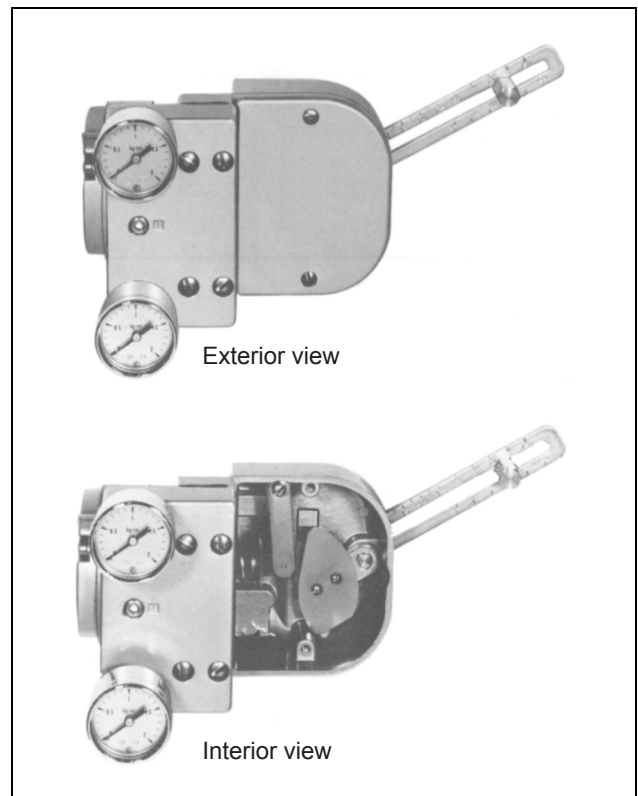
Performance:

Accuracy ; ± 1 % F.S.
 Dead band ; Within 0.1 % F.S.

Additional specifications (by special order):

Corrosion-resistant and silver finish (Semi-standard specification Y138):

- Corrosion-resistant (Acryl baking) finish (Y138A) ;
Resistance for corrosive gases.
- Corrosion-proof (Epoxy baking) finish (Y138B) ;
Resistance for corrosive liquids.
- Silver-normal (Acryl baking) finish (Y138C) ;
Protection for temperature rise of device caused by direct sun light, radiation heat, etc.



- Silver-corrosion-resistant (Acryl baking) finish (Y138D) ;
Protection for above-mentioned temperature rise and resistance for corrosive gases.

Note) Silver finish is not applicable for alkaline gases.

Weight:

2.8 kg

Housing material:

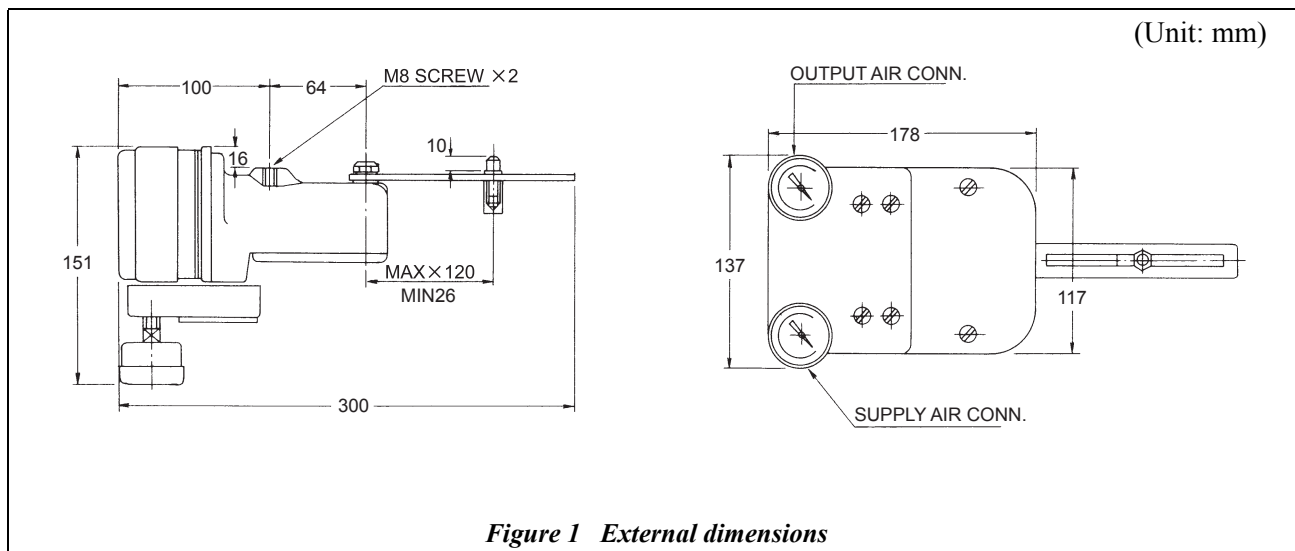
Aluminum alloy casting

Finish:

Acryl baking finish (For corrosion-resistant and silver finish, refer to the optional specification.)

Color of finish:

Dark beige (Munsell 10YR 4.7/0.5)



Ordering information

When ordering, please specify;

- | | |
|------------------------|--|
| 1) Model number : HTM | 4) Actuator model No. and stroke, etc. |
| 2) Output range | 5) Option |
| 3) Supply air pressure | |

Please, read 'Terms and Conditions' from following URL before the order and use.

<http://www.azbil.com/products/bi/order.html>

Specifications are subject to change without notice.

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