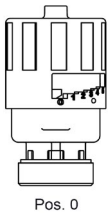


Actuators for Distribution Manifolds, Zone Valves and PICVs

MOUNTING INSTRUCTIONS

1

Make sure the actuator is in the Manual Override Position (Factory Setting)



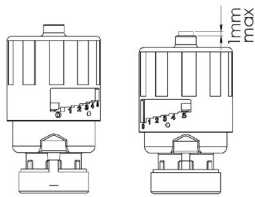
Pos. 0

2

Screw the ring nut onto the valve\manifold thread and tighten the nut

3

Rotate the cover in the next position until the function indicator pin pops out the actuator cover (0.5 – 1 mm)



4

Connect the cable according to the controller wiring diagrams.

MCA

Blue

Brown

Black

Black

Gnd

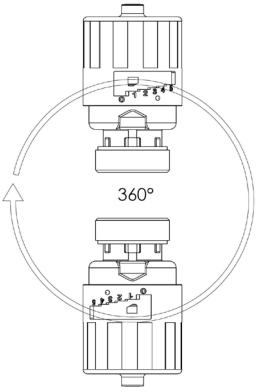
Power supply

Auxiliary microswitch *
Normally Open

(*) If required

5

MCA can be mounted in any position.



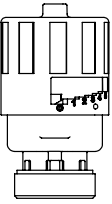
360°

6

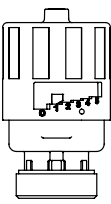
Microswitch circuit status (steady state condition)

Actuator ON		
Position	Microswitch circuit	Collettore
0	Closed	Open
1 - 5	Closed	Open
Actuator OFF		
Position	Microswitch circuit	Manifold
0	Open	Open
1 - 5	Open	Closed

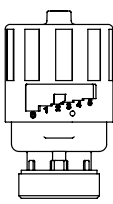
ATTENTION: in event of incorrect microswitch operation (contact closed in manual override position or contact always open during operation), check that the position is set correctly and that the manifold closing dimension is within the range specified by the actuator.



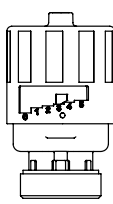
Pos. 0
Manual override position



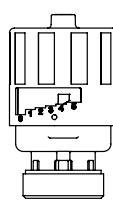
Pos. 1
If manifold closing dimension (A) between 13.50 and 14.25 mm



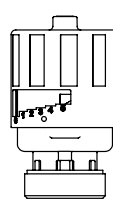
Pos. 2
If manifold closing dimension (A) between 12.75 and 13.50 mm



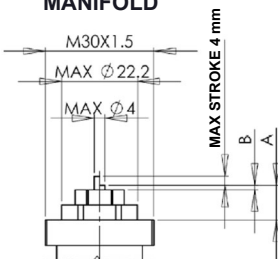
Pos. 3
If manifold closing dimension (A) between 12 and 12.75 mm



Pos. 4
If manifold closing dimension (A) between 11.25 and 12 mm



Pos. 5
If manifold closing dimension (A) between 10.50 and 11.25 mm



MANIFOLD

M30X1.5

MAX Ø22.2

MAX Ø4

MAX STROKE 4 mm

A

B

Dimension A = manifold closing dimension with closed manifold

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