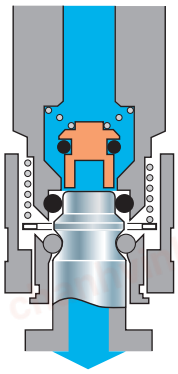
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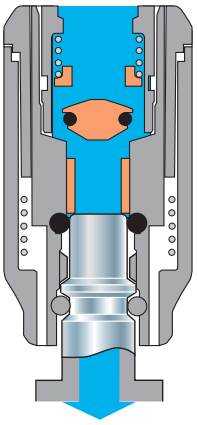
C 9000 Polymer Quick-Acting Safety Couplers

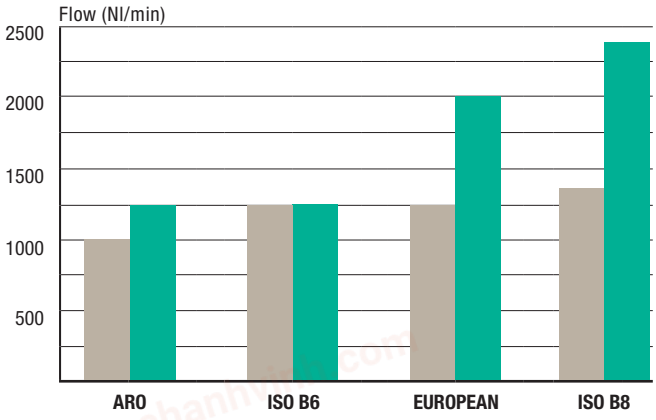
C 9000 Technology and Flow Rates

"Typical" quick-acting coupler
Standard "poppet" technology
Flow: 1400 Nl/min



C 9000 quick-acting coupler
"Optimal flow" technology
Flow: 2400 Nl/min





C 9000 Coupler

Standard Couplers

Measurements carried out in accordance with ISO 6358 at a pressure of 6 bar, pressure drop < 0.7 bar

Operation

Operation

1.



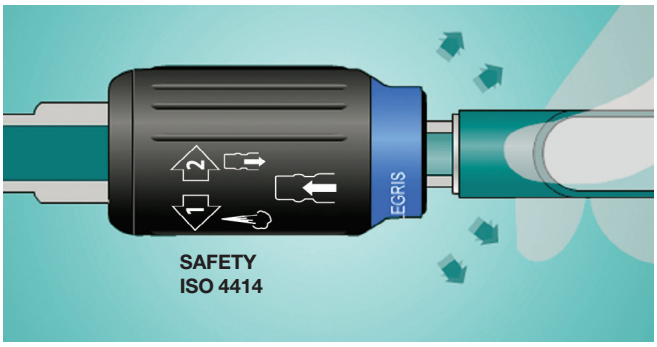
2.



Disconnecting the probe
Rotation, arrow 1: circuit vented on probe side.
Rotation, arrow 2: probe disconnected from the body.

Connecting the probe
The sleeve does not need to be rotated to connect the probe.

Venting Time



ISO B6 profile, recoil tubing (I.D. 6 mm, length 6 m)
Venting time = 350 ms (transition from 6 bar to 0.2 bar)

ISO B8 profile, PVC tubing (I.D. 10 mm, length 25 m)
Venting time = 860 ms (transition from 6 bar to 0.2 bar)

Even with longer lengths of tubing, the vent time of the C 9000 coupler can be less than 1 second.