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COMPRESSED AIR DISTRIBUTION

ROBUST

Composite body material with tough mechanical characteristics.

- Resists:
- abrasion
 - impacts
 - crushing
 - vibrations
 - corrosion

Anti-static, lightweight, scratch-resistant material

DEPENDABLE

Flexible and instantaneous-action mechanism

Optimal sealing

COST EFFECTIVE

- Productivity savings (ease of use, long life seal)
- Energy cost savings (long-duration seal)
- Maximum efficiency of pneumatic systems and tools



**NEW
GENERATION**



ESI DOC 08 E

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Instinctive simplicity

- Vent the pressure and disconnect pneumatic systems and tools with a single push of the button
- Effortless instantaneous coupling
- Compatible with all high flow 7.2 mm profile

Safety

- prevoS1 Controlled, safe uncoupling
- prevoS1 Avoids all risk of dangerous 'hose whip' or accidental disconnection
- prevoS1 Automatic pressure venting and disconnection

Performance

- Ergonomic and compact shape for intuitive and natural handling
- Optimised flow rate
- Limited pressure drop
- Coupling sealing guaranteed
- Thread sealing



Elaborate materials

- Body: Heavy-duty composite
- Seal: Nitrile seal
- Linking and guiding: metal parts treated to withstand use

Flow rate at 6 bar - 87 psi

- ΔP : 0.6 bar - 1750 l/min
- ΔP : 8.7 psi - 61.7 cfm

Pressures and temperatures

- Max. service pressure: 12 bar - 174 psi
- Operating temperature: -15°C to +70°C
4°F to 158°F

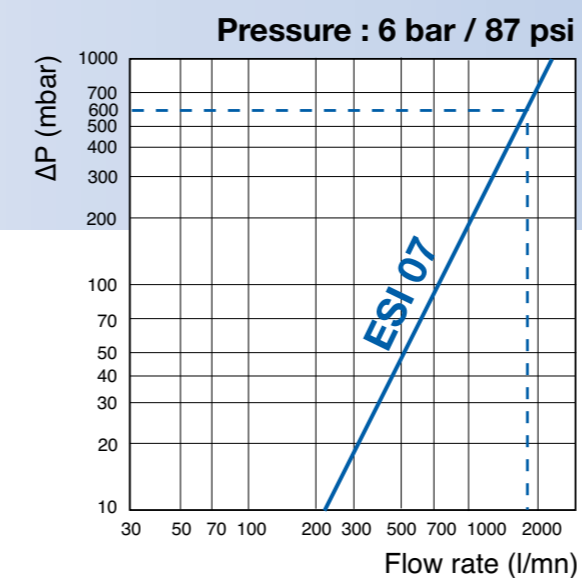
Weight

- Ultra-lightweight
- For example: Coupling for 8 mm hose: 85 g

Anti-static

- prevoS1 Allows static electricity transfer

Easy to connect under pressure



ESI 071 101 : G1/4
ESI 071 102 : G3/8
ESI 071 103 : G1/2

Female thread coupler

- BSP gas
- International standard ISO 228/1



ESI 071 151 : G1/4
ESI 071 152 : G3/8
ESI 071 153 : G1/2

Parallel male thread coupler

- BSP gas
- Built-in gasket
- International standard ISO 228/1



ESI 071 251 : 1/4
ESI 071 252 : 3/8
ESI 071 253 : 1/2

Male thread coupler

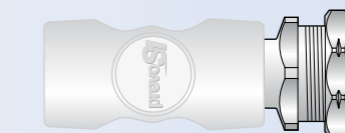
- NPT
- American thread standard ANSI/ASME B 1.20.1 (North American market)



ESI 071 808 : Ø 8 mm
ESI 071 809 : Ø 9 mm
ESI 071 810 : Ø 10 mm
ESI 071 813 : Ø 13 mm

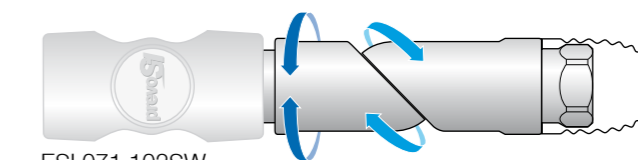
Hose stem coupler

- Assembly with screw clamp or ear clamp



ESI 072 103

Bulkhead coupler



ESI 071 102SW

Threaded swivel coupler

- 360° rotation on its axis
- Scratch resistant