

4CPV

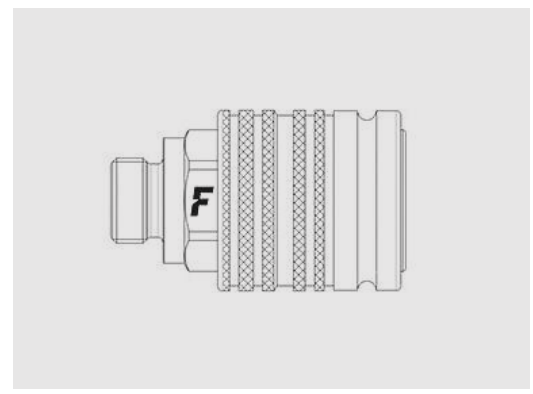


Push-pull female coupling for agriculture with pressure relief valve.

Push-pull couplings, designed for panel mounting installation. Thanks to a microvalve it's possible to easily spill some oil when necessary in order to relieve the residual pressure into the female half. Wide range of male threads available. Breakaway function. ISO 7241-1 part A interchange.



Applications

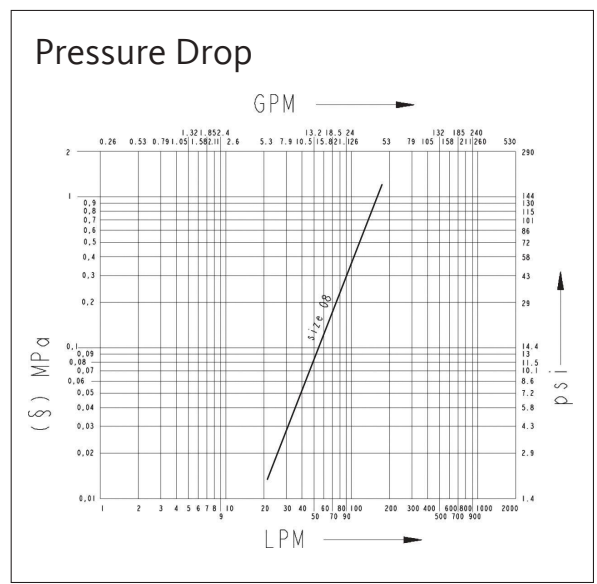


Technical Specifications

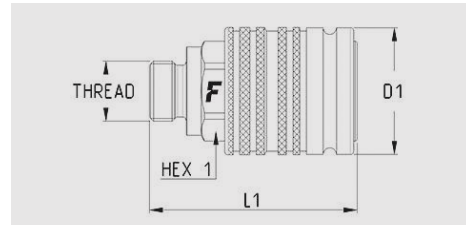
| dash | Size | | Working Pressure (MPa) | Flow Rate (l/min) | Spillage (ml) | Force to Connect (N) | Burst pressure (MPa) | | |
|------|------|------|------------------------|-------------------|---------------|----------------------|----------------------|--------|---------------|
| | mm | inch | | | | | Male | Female | Male + Female |
| 08 | 12,5 | 1/2" | 25 | 75 | 1,8 | 110 | 100 | 100 | |

| | |
|---------------------------|----------------------------|
| Material | Steel |
| Seals | NBR |
| Working temperatures | - 25 °C to + 125 °C |
| Surface treatment | MATE 500 (CrIII) |
| Series Interchange | ISO 7241-A |
| Valve Type | Poppet |
| Connection | Push to Connect* |
| Disconnection | Pull to Disconnect |
| Connection Under Pressure | Allowed Residual |

* If panel mounted through the sleeve. Otherwise sleeve retraction.



4CPV



| Size | | Thread details | | | FEMALE | | | | | | |
|------|------|----------------|--------------|------------------|----------------|-----------------|------|----|------|------|------|
| inch | mm | Thread Type | Standard | Thread | Part Number | L (L1 + Thread) | | D1 | | HEX1 | |
| | | | | | | mm | inch | mm | inch | mm | inch |
| 1/2" | 12,5 | 02/ METRIC | ISO 8434-1-L | M18x1,5 MALE 12L | 4CPV082/1815 F | 62,3 | 2,45 | 38 | 1,5 | 27 | 1,06 |

Accessories

PVC dust caps



Plugs suitable for FEMALE



Plugs suitable for FEMALE

| Size | | | Plug Details | | Size | | | Plug Details | |
|------|------|------|--------------|--------|------|------|------|--------------|--------|
| inch | mm | dash | Part number | Colour | inch | mm | dash | Part number | Colour |
| 1/2" | 12,5 | 08 | TM 12 L | blue | 1/2" | 12,5 | 08 | TM 12-38 | blue |
| 1/2" | 12,5 | 08 | TM 12 L/A | orange | 1/2" | 12,5 | 08 | TM 12-38 G | yellow |
| 1/2" | 12,5 | 08 | TM 12 L/G | yellow | 1/2" | 12,5 | 08 | TM 12-38 GR | grey |
| 1/2" | 12,5 | 08 | TM 12 L/M | brown | 1/2" | 12,5 | 08 | TM 12-38 M | brown |
| 1/2" | 12,5 | 08 | TM 12 L/N | black | 1/2" | 12,5 | 08 | TM 12-38 N | black |
| 1/2" | 12,5 | 08 | TM 12 L/R | red | 1/2" | 12,5 | 08 | TM 12-38 R | red |
| 1/2" | 12,5 | 08 | TM 12 L/V | green | 1/2" | 12,5 | 08 | TM 12-38 V | green |

Aluminium dust caps



Plugs suitable for FEMALE

| Size | | | Plug Details | |
|------|------|------|--------------|--------|
| inch | mm | dash | Part number | Colour |
| 1/2" | 12,5 | 08 | TM 12 S | |

Seal Kits



For Female

| Size | | | Seal Details | |
|------|------|------|--------------|-------------|
| inch | mm | dash | Material | Part Number |
| 1/2" | 12,5 | 08 | NBR; PTFE | SK NV 12 |

Every seals kit is composed of 5 or 10 pcs.

