

MODUFLEX VALVE SYSTEM



ENGINEERING YOUR SUCCESS.

Full Range Overview



Multi-wiring

Industrial Communication

V Series



T Series



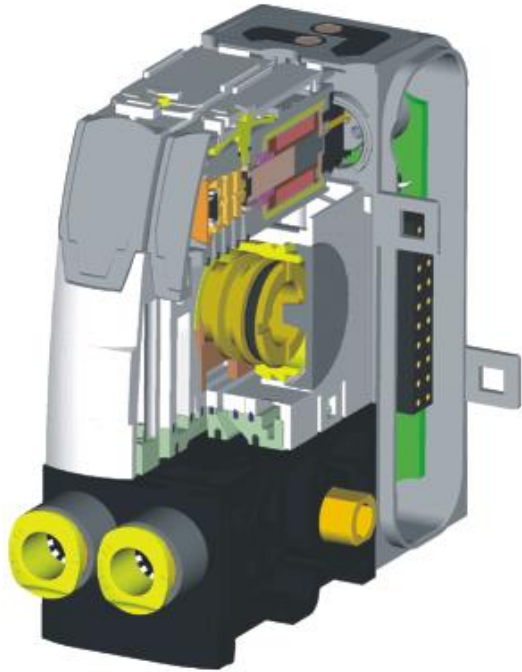
S Series



P Series

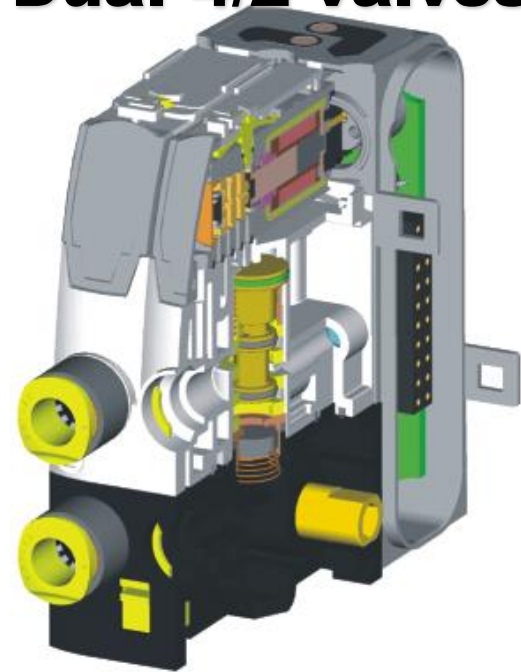
2 Technology Platforms

4/2 valve



The standard 4/2 valves adopt the long life super durable ceramic switching technology

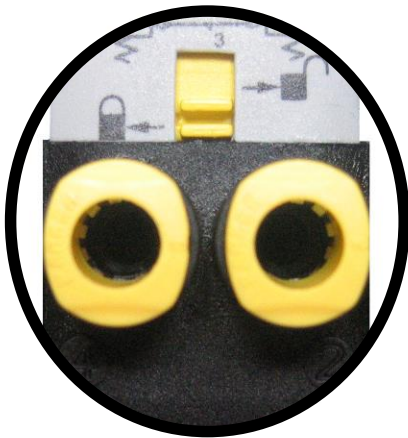
Dual 3/2 & Dual 4/2 valves



The compact dual 4/2 and 3/2 valves using well proven WCS Parker seal technology

Fitting Clip System

- Short mounting time
- Clear marking
- For the valves, supply module and intermediate module



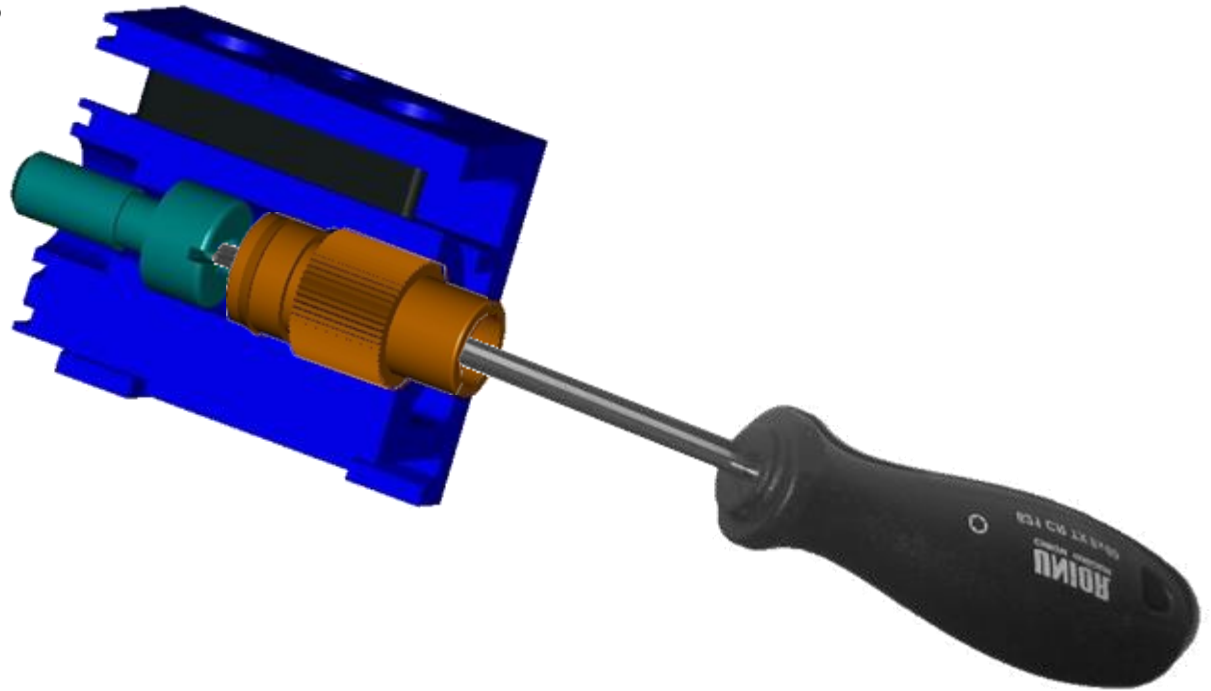
For Size 1 & Size 2



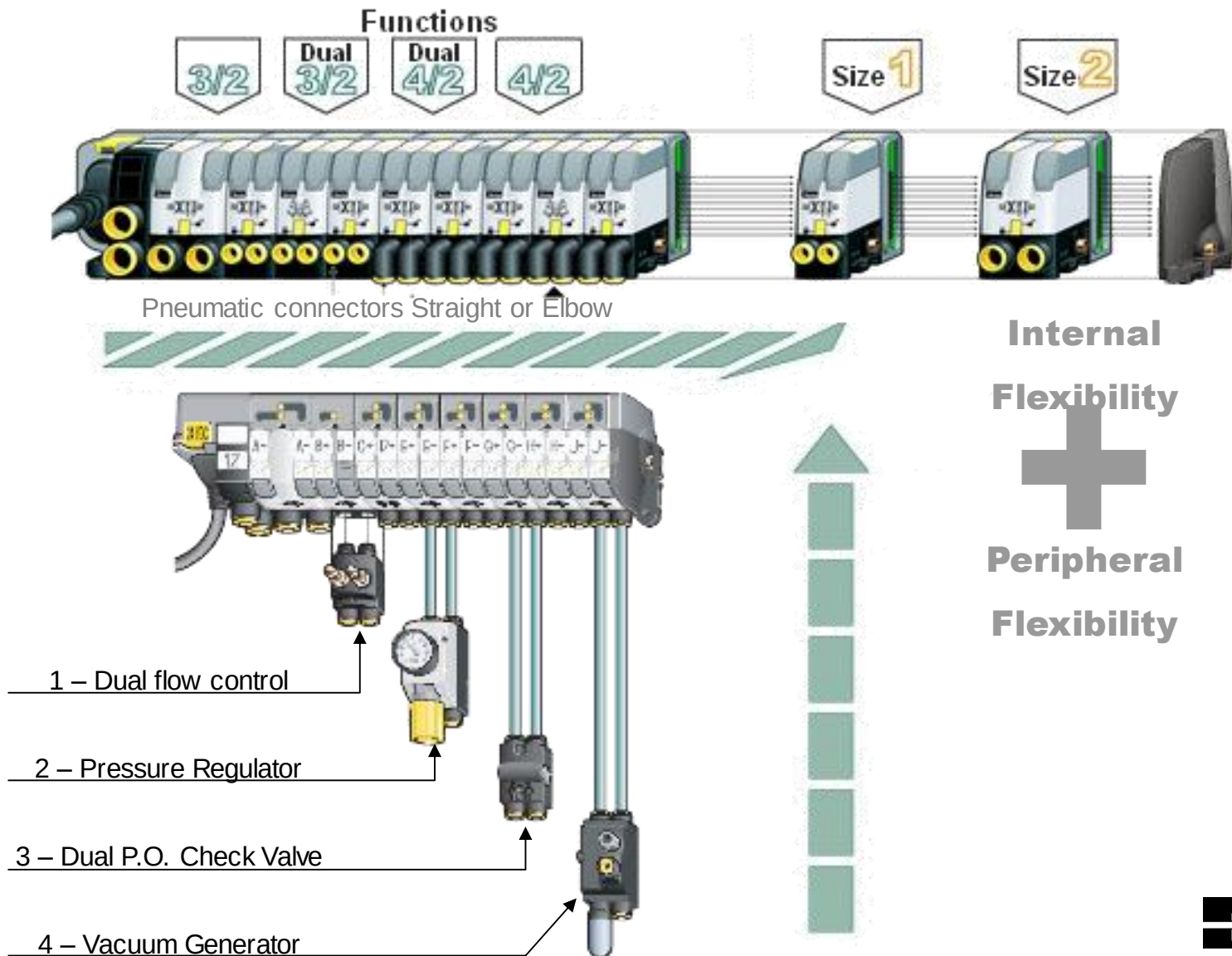
For Micro-Moduflex

Tie-Rod and Sub-base

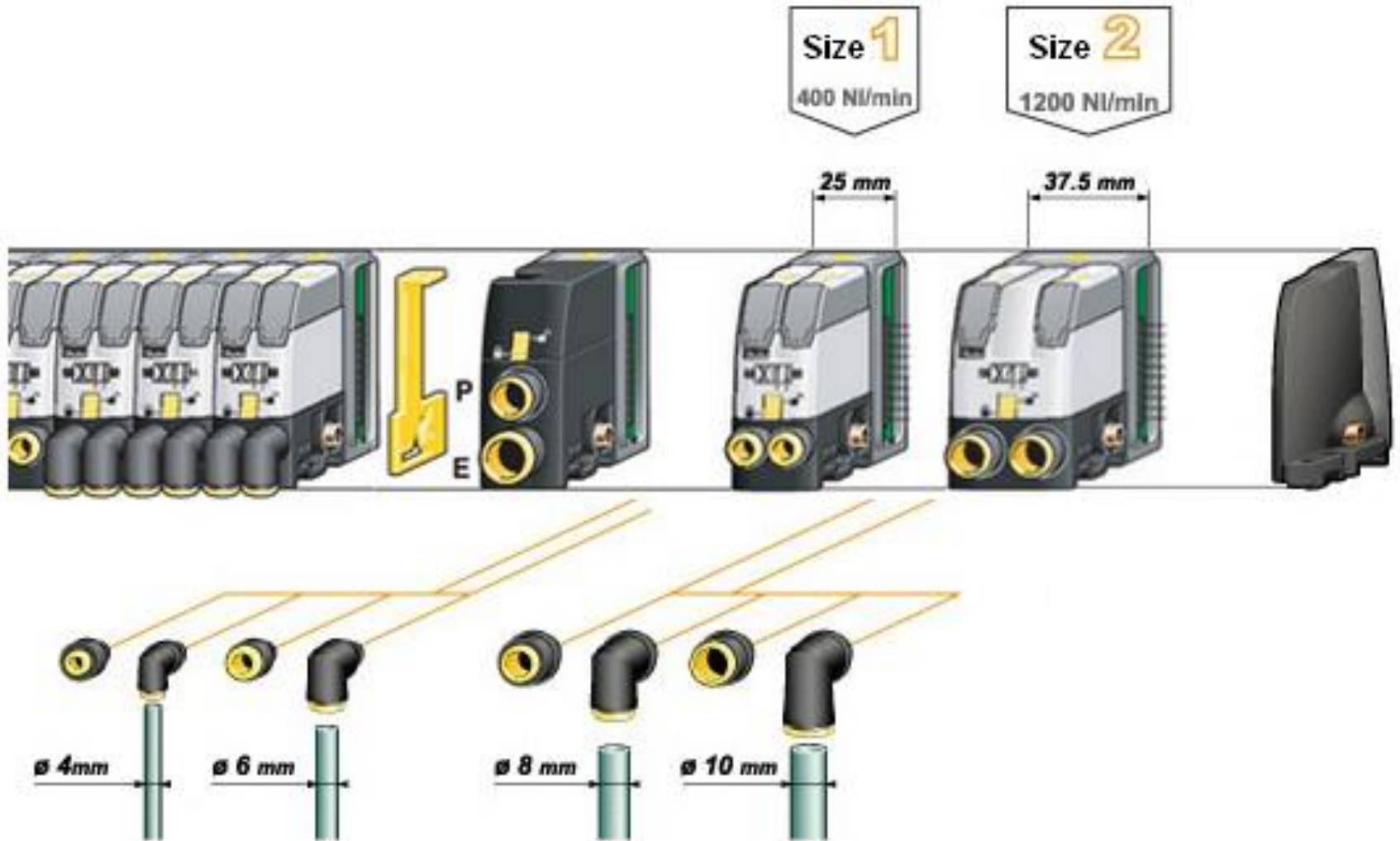
- 2 separate parts for fixation
- Torx T8 screws
- No more aligning of flats
- No over torque
- Easy mounting
- Short assembling time
- Flexible system
- Reinforced sub-bases
- Straight islands
- Reverse compatible



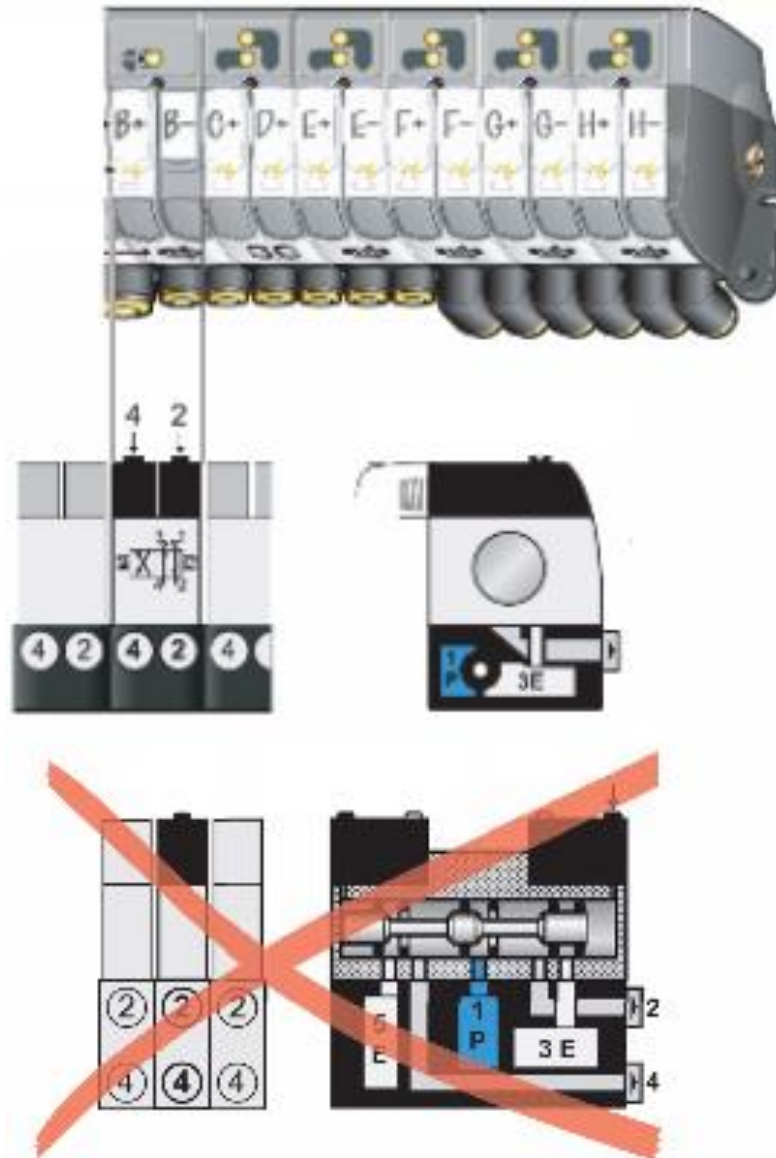
Moduflex Complete Control



Moduflex Adaptive



Complete and Easy Man-Machine dialogue



V Series

Integrated Connection Valve Islands
Multi-Wiring or Industrial Communication

Multipole wiring

Fieldbus
communication



Sub-D connector

IP depending on femal
connector



Guillotine connector

IP65



T Series

Traditional Valve Islands



Electrical version ...

IP67



... or Pneumatic version

Ø 4 mm built-in connector

S Series

Stand Alone Valves



Electrical version ...

IP67



Pneumatic version
built-in Ø 4 mm connector

P Series

Peripheral Control Modules



Pneumatic Regulator



Dual Flow Control



Vacuum generator



Dual P.O check valve

Ordering Options



Basic Modules

These modules are supplied without connectors, the choice of plug-in connectors enables total flexibility in the field; (Preferred ordering method for best price and delivery.)

Complete Modules

Supplied complete with connectors, for use with valve islands or as stand-alone valves or peripheral modules;
Consult your local distributor or Parker location for
Assembly information, price and delivery.



Pre-assembled Valve Islands

Supplied fully assembled to specifications and complete with pneumatic and electrical connectors. Islands can be easily configured with the Moduflex Configurator Software.

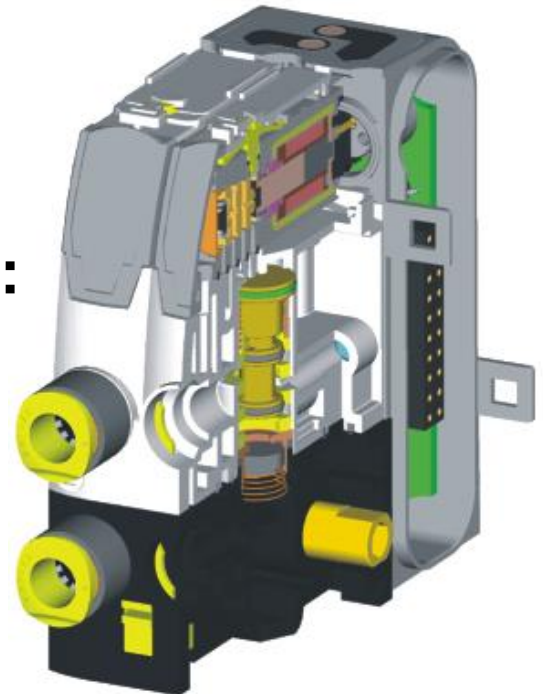
See technical catalogue CD.



Micro-Moduflex

Technologie

- Include TWO functions in ONE body :
 - 2 x 4/2 valves single solenoid
- High performance sealing :
 - 50 M Cycle



Micro-Moduflex Size 1

Flow Rate

- Nominal flow rate :
- $Q_n = 165 \text{ NI/min}$ per valve
- Maximal flow rate :
 - $Q_{\text{max.}} = 275 \text{ l/mn}$



$> 2\text{m/s}$ Speed $< 500\text{mm/s}$



Ø 10 mm



Ø 12 mm



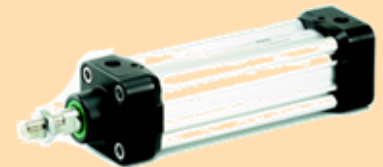
Ø 16 mm



Ø 20 mm



Ø 25 mm



Ø 32 mm

Micro-Moduflex Size 1

Module Width equivalent to Size 1

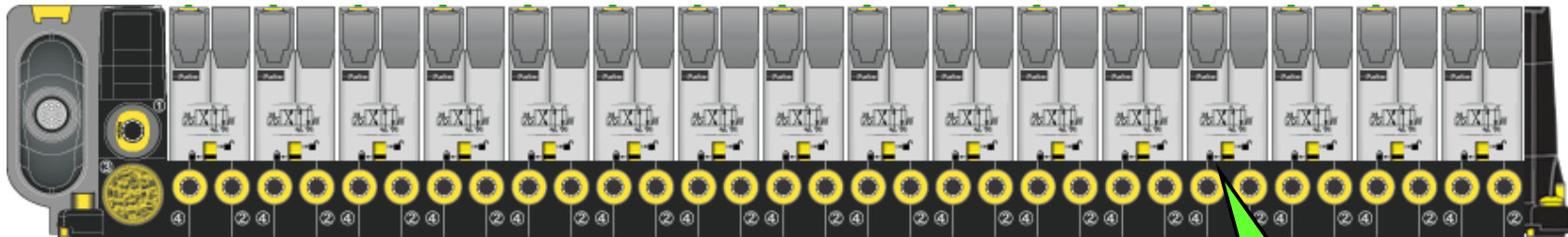


Micro-Moduflex Size 1

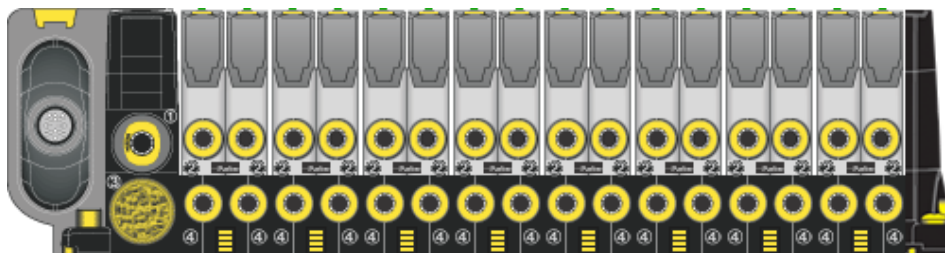
Size Advantage ...



463 mm



263 mm

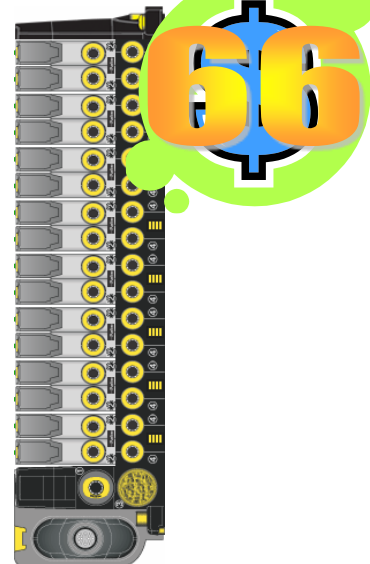
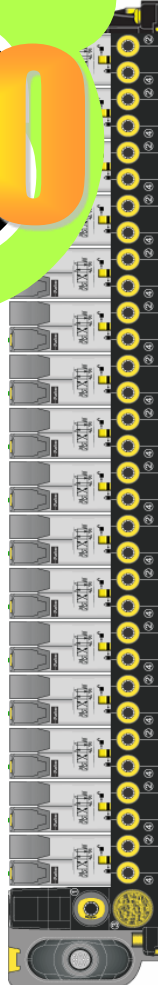
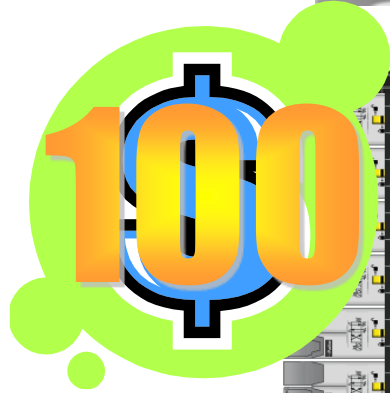


**Save
> 40%**



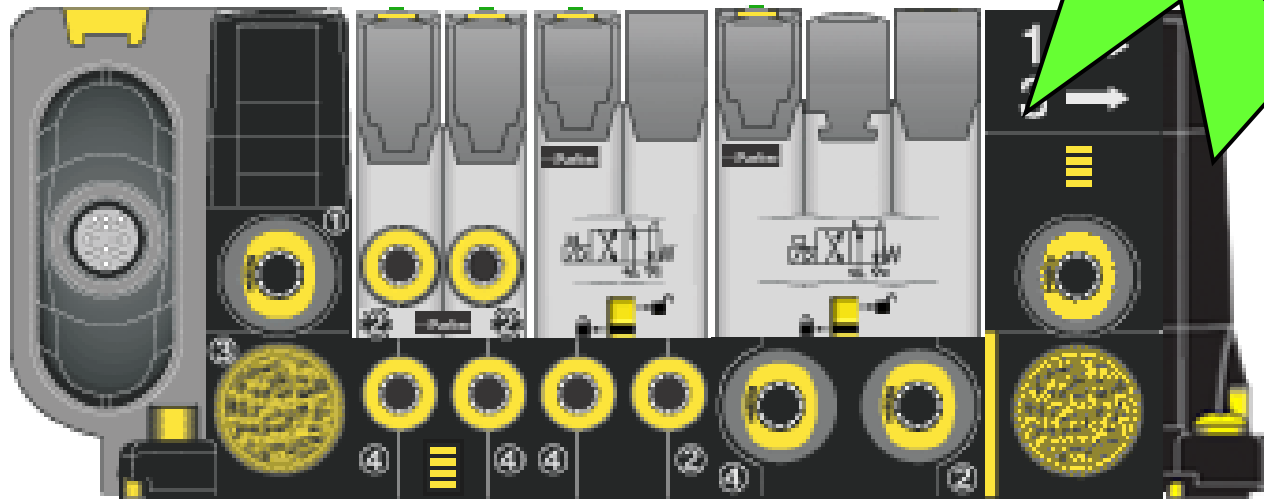
Micro-Moduflex Size 1

Price Advantage



Micro-Moduflex Size 1

Compatibility with MODUFLEX Valve

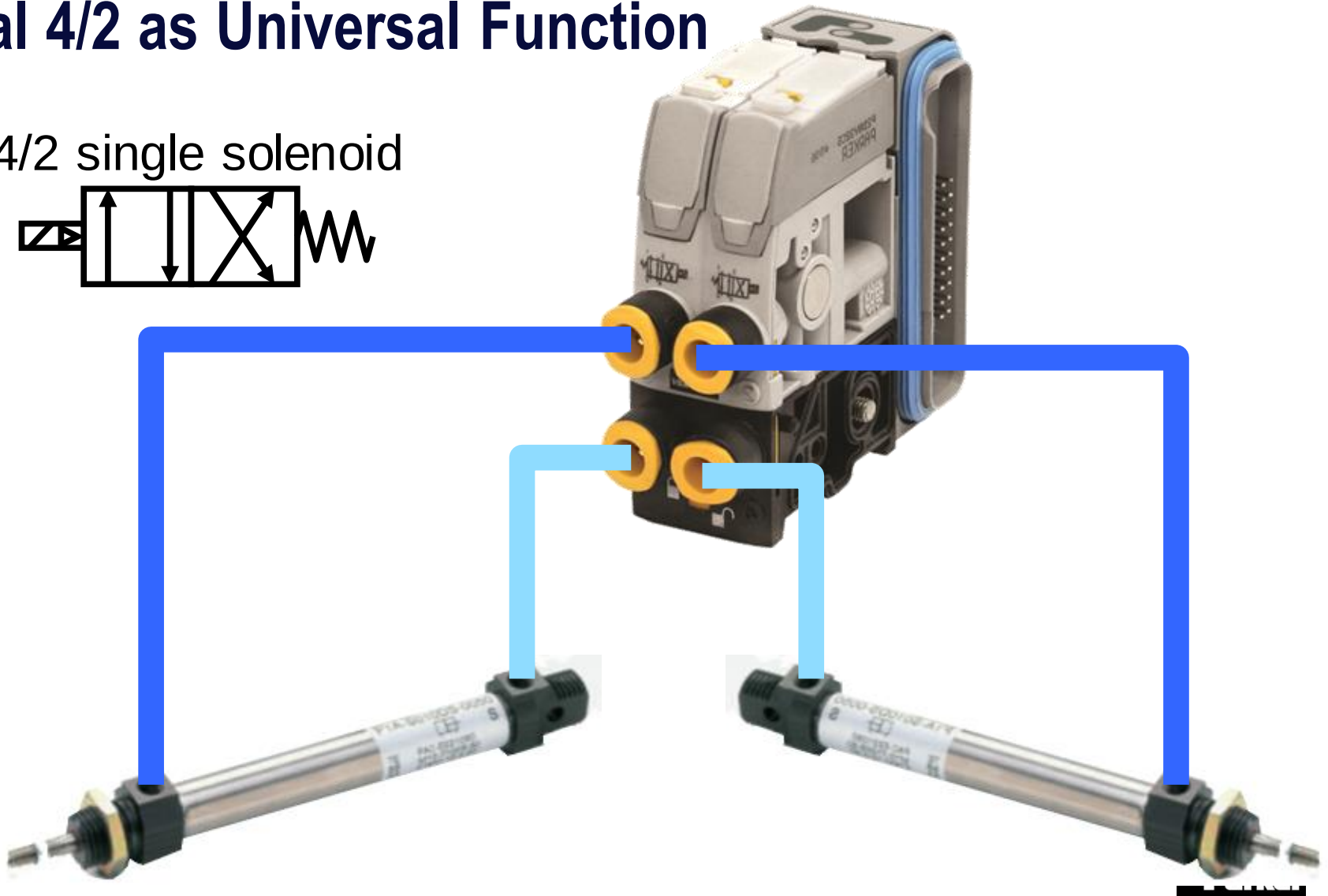
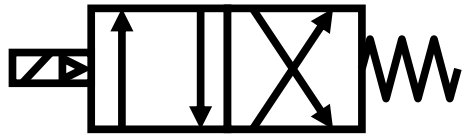


Fully Compatible
With Moduflex Valve
Sizes 1 & 2

Micro-Moduflex Size 1

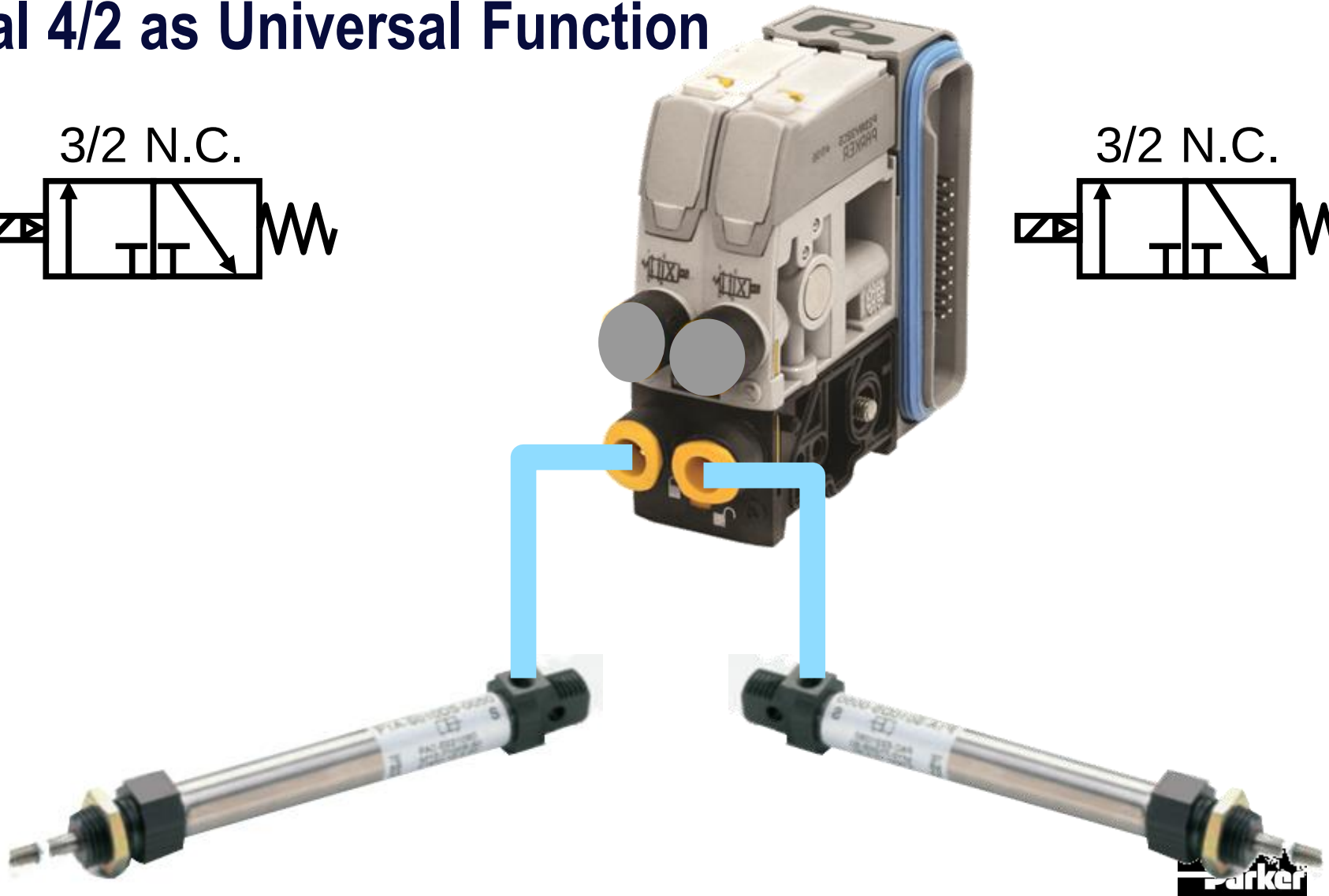
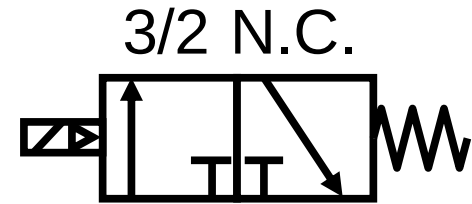
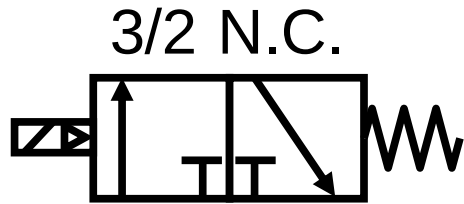
Dual 4/2 as Universal Function

4/2 single solenoid



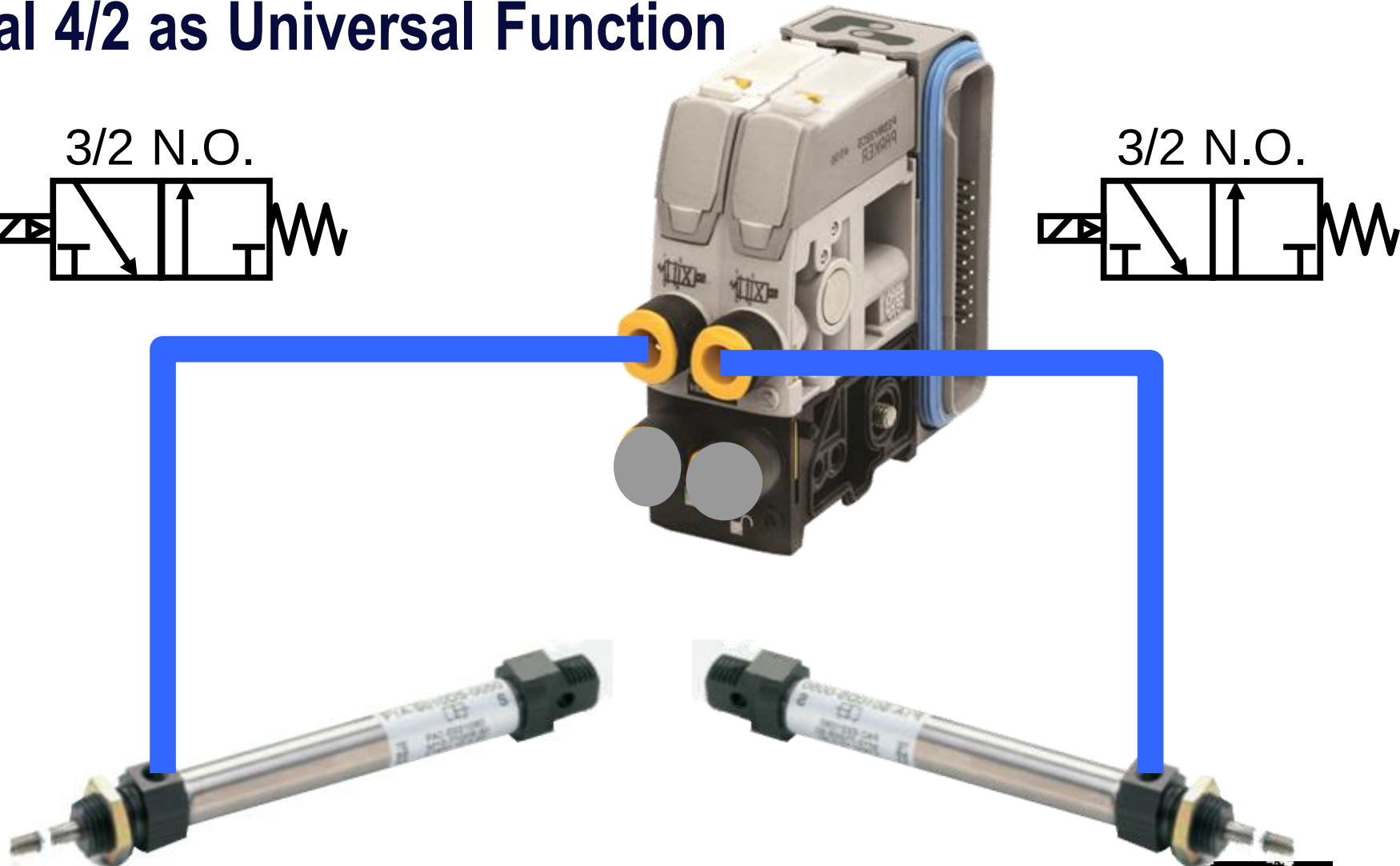
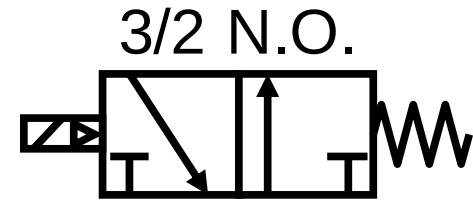
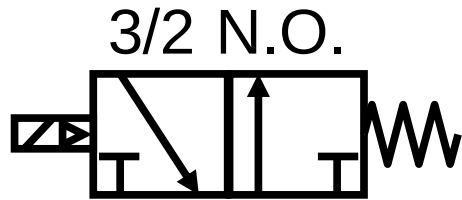
Micro-Moduflex Size 1

Dual 4/2 as Universal Function



Micro-Moduflex Size 1

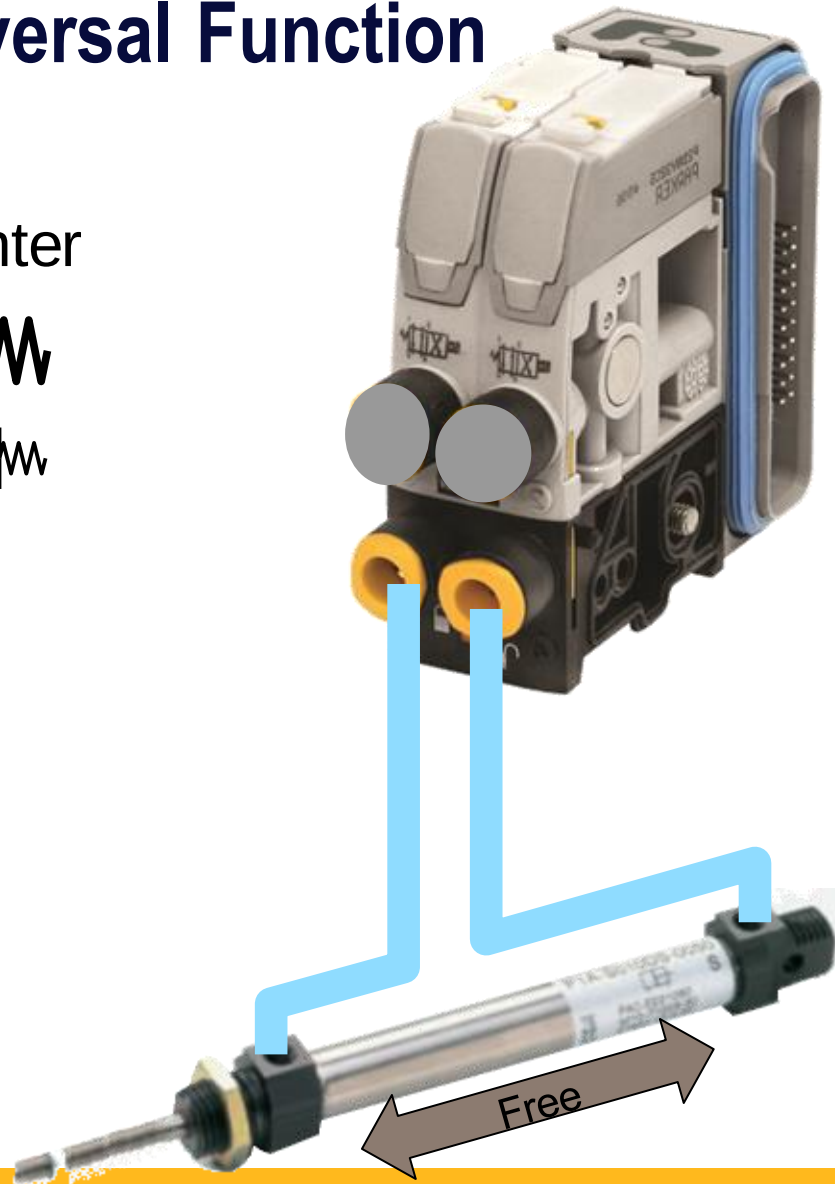
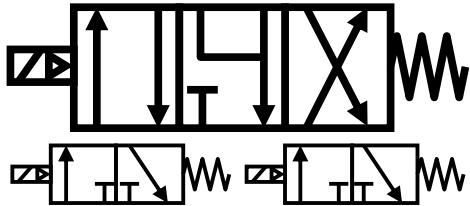
Dual 4/2 as Universal Function



Micro-Moduflex Size 1

Dual 4/2 as Universal Function

4/3 Opened center

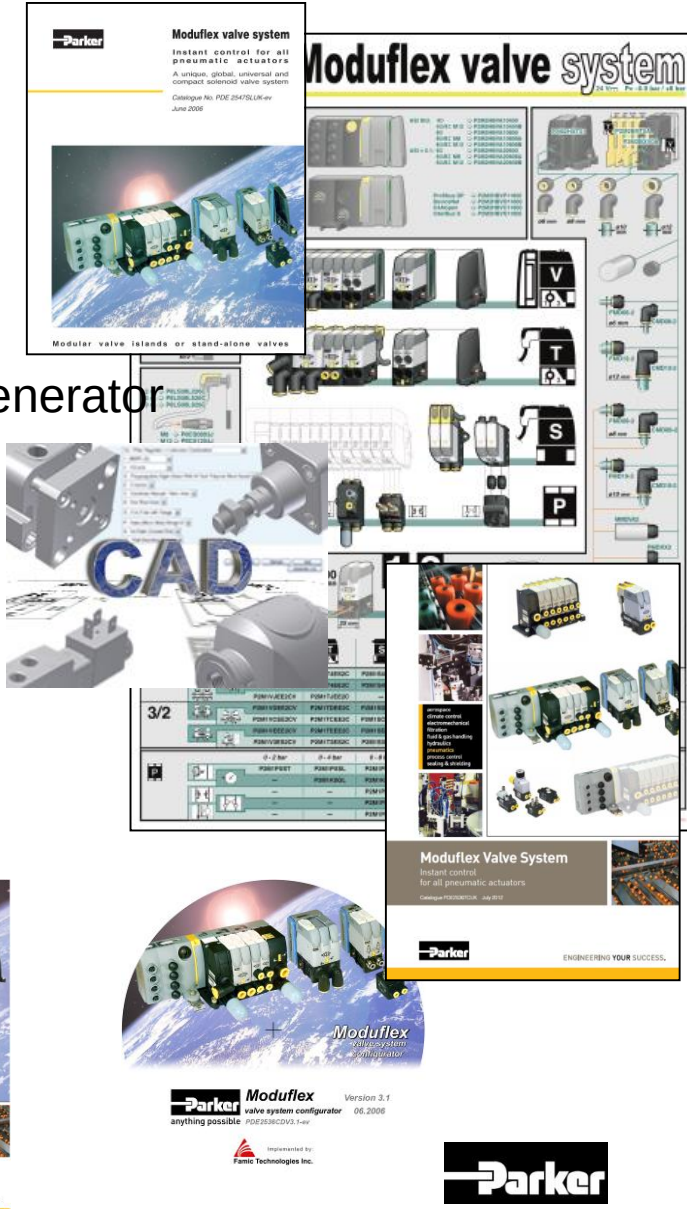
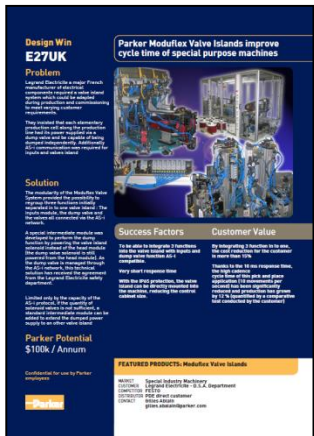


Dual 4/2 as Universal Function



Marketing Tools

- Sales Leaflet Moduflex
- Poster
- Technical Catalog (incl manual)
- Configurator CD (can be download from PDE MIS)
- Dedicated web page with e-Configurator & CAD generator
(from <http://www.parker.com/pneu/moduflex> & <http://www.parker.com/pde/cad>)
- Micro-Moduflex dual 4/2 Sales Leaflet
- Torx T8 screw driver
- Demo case
- Design Wins



Any Questions

**Many Thanks
for your
Attention**