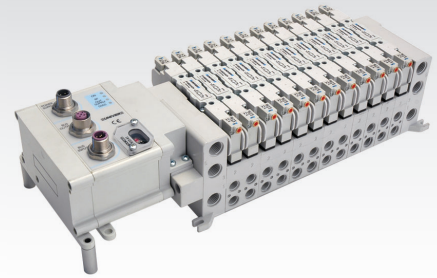
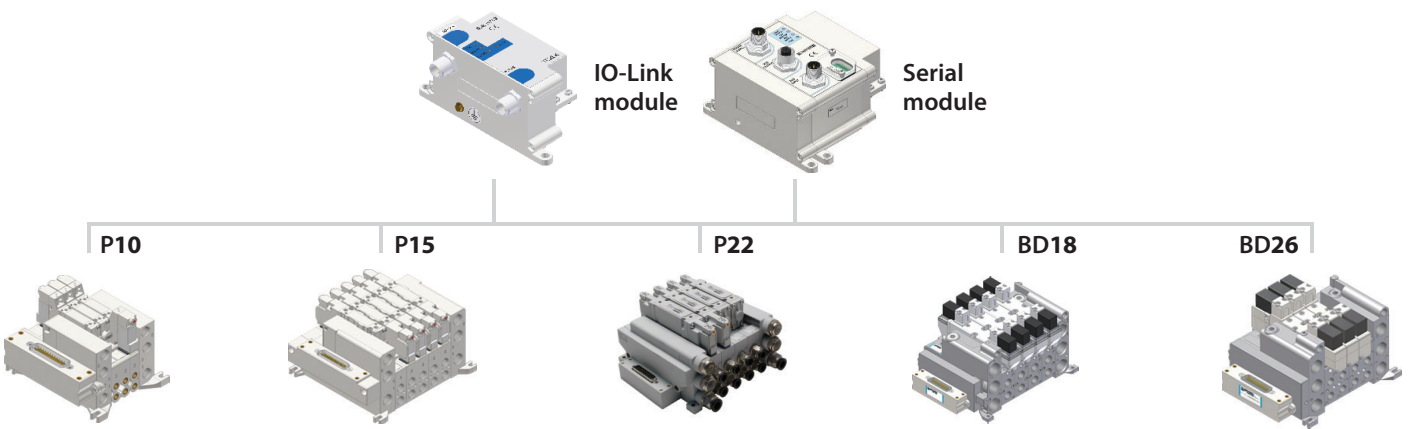


**CHARACTERISTICS**

Controlled devices	Manifolds, Digital input M12/M8, Output M12
Handling capacity	Max 64 inputs + 64 outputs (PROFIBUS-DP, CANopen, DeviceNet)
	Max 64 inputs + 88 outputs (PROFINET, EtherNet/IP, EtherCAT)
Integrated configuration	Max 24 coils (IO-Link)
	BD series (VDMA) 18 - 26 mm
	P10 - P15 - P22 series (COMPACT)
Distributed configuration	Remote expansion modules for valve manifolds with sub-D 25 plug-in (NO IO-Link)
Protocols	IO-Link, CANopen, DeviceNet, PROFINET, PROFIBUS-DP, EtherNet/IP, EtherCAT



**Communication systems**

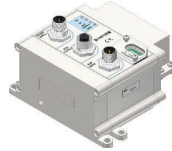


**IO-Link**



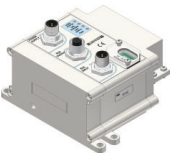
Part No.	TCXLKB
Auxiliary power supply	1 x M12 - 5 pins male and Fieldbus (port class B)
Diagnostics	Optical, Primary, Extended
Capacity max I/O	24 coils

**PROFIBUS-DP**



Part No.	TCXP
Auxiliary power supply	1 x M12 - 4 pins male
Fieldbus	1 x M12 - 4 pins male B code
Connectors	1 x M12 - 4 pins female B code
Diagnostics	Optical, Primary, Extended
Capacity max I/O	64 In - 40 Out
	24 coils

**CANopen**



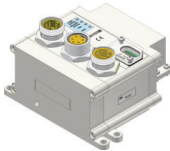
Part No.	TCXC
Auxiliary power supply	1 x M12 - 4 pins male
Fieldbus	1 x M12 - 5 pins male
Connectors	1 x M12 - 5 pins female
Diagnostics	Optical, Primary, Extended
Capacity max I/O	64 In - 40 Out
	24 coils
LSS Slave	supported

**EtherNet/IP**



Part No.	TCXEN
Auxiliary power supply	1 x M12 - 4 pins male
Fieldbus	2 x M12 - 4 pins female D code
Connectors	
Diagnostics	Optical, Primary, Extended
Capacity max I/O	64 In - 64 Out
	24 coils

**DeviceNet**



Part No.	TCXD
Auxiliary power supply	1 x 7/8" - 4 pins male
Fieldbus	1 x 7/8" - 5 pins male
Connectors	1 x 7/8" - 5 pins female
Diagnostics	Optical, Primary, Extended
Capacity max I/O	64 In - 40 Out
	24 coils

**EtherCAT**



Part No.	TCXEC
Auxiliary power supply	1 x M12 - 4 pins male
Fieldbus	2 x M12 - 4 pins female D code
Connectors	
Diagnostics	Optical, Primary, Extended
Capacity max I/O	64 In - 64 Out
	24 coils

**PROFINET**



Part No.	TCXPN
Auxiliary power supply	1 x M12 - 4 pins male
Fieldbus	2 x M12 - 4 pins female
Connectors	D code
Diagnostics	Optical, Primary, Extended
Capacity max I/O	64 In - 64 Out
	24 coils
FSU	supported

Expansion modules (not available for IO-Link)

<p><b>TC8I412</b> 8 Digital inputs M12</p>	<p><b>TC16I812</b> 16 Digital inputs M12</p>	<p><b>TC8U412</b> 8 Digital outputs M12</p>	<p><b>TC8I808</b> 8 Digital inputs M8</p>	<p><b>TCR32ID</b> 16+16 Digital inputs</p>	<p><b>TCXU578</b> Auxiliary supply module 7/8"</p>
				<p><b>TCR32UD</b> 16+16 Digital outputs</p>	

Accessories for serial modules

<p><b>TZ-F4M12</b></p> <p>CANopen, ProfiBus, ProfiNet EtherNet/IP, EtherCat IO-Link port class A Power Supply Connector M12 female 4 poles</p>	<p><b>TZ-F5M12</b></p> <p>CANopen IO-Link port class A/B Input Bus M12 female 5 poles</p>	<p><b>TZ-M5M12/T</b></p> <p>TZ-M5M12 CANopen Output Bus M12 male 5 poles</p> <p>TZ-M5M12T CANopen, Bus terminating connector M12 male 5 poles</p>	<p><b>TZ-F478</b></p> <p>DeviceNet Power Supply Connector 7/8 female 4 poles</p>	<p><b>TZ-F578</b></p> <p>DeviceNet Input Bus 7/8 female 5 poles</p>
<p><b>TZ-M578/T</b></p> <p>TZ-M578 DeviceNet Input Bus 7/8 male 5 poles</p> <p>TZ-M578T DeviceNet Bus terminating connector 7/8 male 5 poles</p>	<p><b>TZ-F4M12-B</b></p> <p>ProfiBus Input Bus M12 female 5 poles B-code</p>	<p><b>TZ-M4M12-B/BT</b></p> <p>TZ-M4M12-B ProfiBus Output Bus M12 male 4 poles B-code</p> <p>TZ-M4M12-BT ProfiBus Bus terminating connector M12 male 4 poles B-code</p>	<p><b>TZ-M4M12-D</b></p> <p>ProfiNet, EtherNet/IP, EtherCat Input/Output Bus M12 male 4 poles D-code</p>	<p><b>TSCFN16...</b></p> <p>TSCFN16D0300 Prewired cable, sub-D, 25 poles, 16 signals 3 m</p> <p>TSCFN16D0500 Prewired cable, sub-D 25 poles, 16 signals 5 m</p> <p>TSCFN16D1000 Prewired cable, sub-D 25 poles, 16 signals 10 m</p>

Assembly scheme (excluding IO-Link)

- FieldBus Module
- Auxiliary Module - Inputs 8 x M8
- Auxiliary Module - Inputs 4 x M12
- Auxiliary Module - Outputs 4 x M12
- TCXX end cover included (1 pc)
- TCXX cover screws included (4 pcs.)
- I/O tie-rods included (4 pcs.)
- TFP010 1 mm for valves P10F-P15F (2 pcs.)  
TFP060 6 mm for valves BD 18-26 mm (2 pcs.)  
TFP178 17,5 mm for valves P10B (2 pcs.)  
TFP257 25,7 mm for valves P15B (2 pcs.)
- Adaptor for 18-26 mm VDMA Manifold