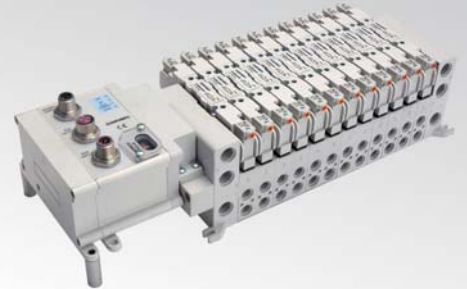
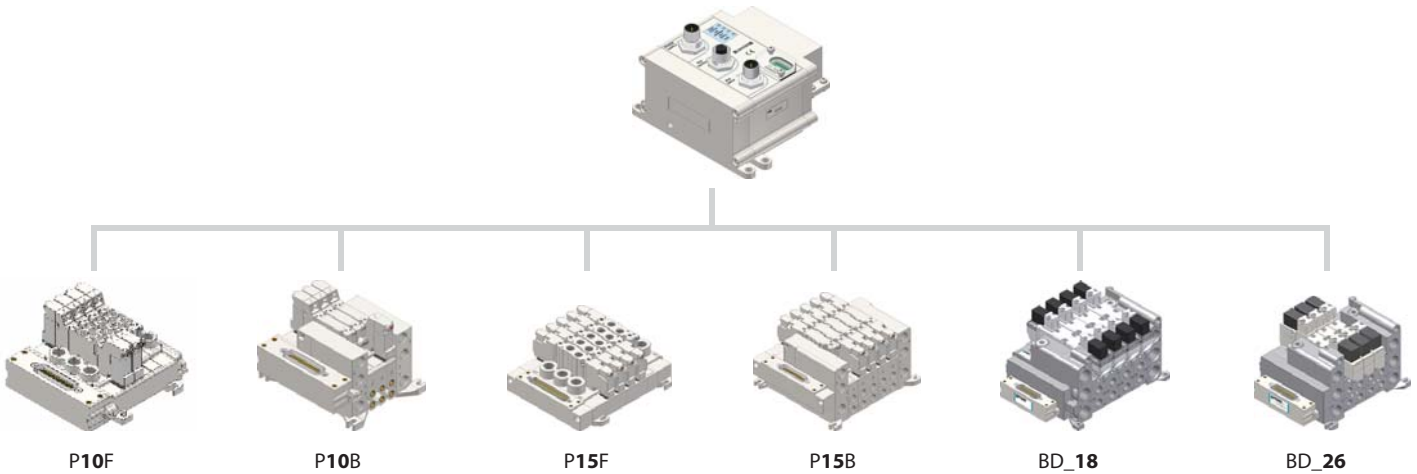


CHARACTERISTICS







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	BD series (VDMA) 18 - 26 mm
	P10 - P15 series (COMPACT)
Distributed configuration	Remote expansion modules for valve manifolds with sub-D 25 plug-in
FieldBus protocols	CANopen, DeviceNet, PROFINET, PROFIBUS-DP, EtherNet/IP, EtherCAT



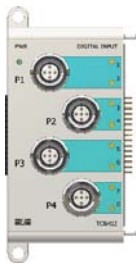
Serial module for all manifold models



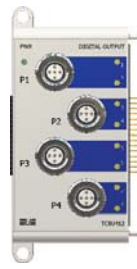
Serial module

<p>■ CANopen</p>  <table border="1"> <tr> <td>Part No.</td> <td>TCXC</td> </tr> <tr> <td>Auxiliary power supply</td> <td>1 x M12 - 4 pins male</td> </tr> <tr> <td>Fieldbus</td> <td>1 x M12 - 5 pins male</td> </tr> <tr> <td>Connectors</td> <td>1 x M12 - 5 pins female</td> </tr> <tr> <td>Diagnostics</td> <td>Optical, Primary, Extended</td> </tr> <tr> <td>Capacity max I/O</td> <td>64 In - 40 Out</td> </tr> <tr> <td></td> <td>24 coils</td> </tr> <tr> <td>LSS Slave</td> <td>supported</td> </tr> </table>	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	<p>■ PROFIBUS-DP</p>  <table border="1"> <tr> <td>Part No.</td> <td>TCXP</td> </tr> <tr> <td>Auxiliary power supply</td> <td>1 x M12 - 4 pins male</td> </tr> <tr> <td>Fieldbus</td> <td>1 x M12 - 4 pins male B code</td> </tr> <tr> <td>Connectors</td> <td>1 x M12 - 4 pins female B code</td> </tr> <tr> <td>Diagnostics</td> <td>Optical, Primary, Extended</td> </tr> <tr> <td>Capacity max I/O</td> <td>64 In - 40 Out</td> </tr> <tr> <td></td> <td>24 coils</td> </tr> </table>	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
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<p>■ DeviceNet</p>  <table border="1"> <tr> <td>Part No.</td> <td>TCXD</td> </tr> <tr> <td>Auxiliary power supply</td> <td>1 x 7/8" - 4 pins male</td> </tr> <tr> <td>Fieldbus</td> <td>1 x 7/8" - 5 pins male</td> </tr> <tr> <td>Connectors</td> <td>1 x 7/8" - 5 pins female</td> </tr> <tr> <td>Diagnostics</td> <td>Optical, Primary, Extended</td> </tr> <tr> <td>Capacity max I/O</td> <td>64 In - 40 Out</td> </tr> <tr> <td></td> <td>24 coils</td> </tr> </table>	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	<p>■ EtherNet/IP</p>  <table border="1"> <tr> <td>Part No.</td> <td>TCXEN</td> </tr> <tr> <td>Auxiliary power supply</td> <td>1 x M12 - 4 pins male</td> </tr> <tr> <td>Fieldbus</td> <td>2 x M12 - 4 pins female D code</td> </tr> <tr> <td>Connectors</td> <td></td> </tr> <tr> <td>Diagnostics</td> <td>Optical, Primary, Extended</td> </tr> <tr> <td>Capacity max I/O</td> <td>64 In - 64 Out</td> </tr> <tr> <td></td> <td>24 coils</td> </tr> </table>	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		
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Auxiliary power supply	1 x 7/8" - 4 pins male																														
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<p>■ PROFINET</p>  <table border="1"> <tr> <td>Part No.</td> <td>TCXPN</td> </tr> <tr> <td>Auxiliary power supply</td> <td>1 x M12 - 4 pins male</td> </tr> <tr> <td>Fieldbus</td> <td>2 x M12 - 4 pins female</td> </tr> <tr> <td>Connectors</td> <td>D code</td> </tr> <tr> <td>Diagnostics</td> <td>Optical, Primary, Extended</td> </tr> <tr> <td>Capacity max I/O</td> <td>64 In - 72 Out</td> </tr> <tr> <td></td> <td>24 coils</td> </tr> </table>	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 - 72 Out		24 coils	<p>■ EtherCAT</p>  <table border="1"> <tr> <td>Part No.</td> <td>TCXET</td> </tr> <tr> <td>Auxiliary power supply</td> <td>1 x M12 - 4 pins male</td> </tr> <tr> <td>Fieldbus</td> <td>2 x M12 - 4 pins female D code</td> </tr> <tr> <td>Connectors</td> <td></td> </tr> <tr> <td>Diagnostics</td> <td>Optical, Primary, Extended</td> </tr> <tr> <td>Capacity max I/O</td> <td>64 In - 64 Out</td> </tr> <tr> <td></td> <td>24 coils</td> </tr> </table>	Part No.	TCXET	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		
Part No.	TCXPN																														
Auxiliary power supply	1 x M12 - 4 pins male																														
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Connectors	D code																														
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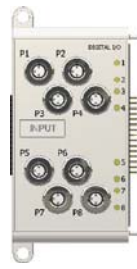
Configurable expansion modules



■ **TC8I412**
No. 8 Digital inputs M12



■ **TC8U412**
No. 8 Digital outputs M12



■ **TC8I808**
No. 8 Digital inputs M8



■ **TCR32ID**
No. 16+16 Digital inputs

■ **TCR32UD**
No. 16+16 Digital outputs

■ **TCR1616**
No. 16 Digital inputs +
No. 16 Digital outputs

TZ-F4M12



CANopen, ProfiBus, ProfiNet
EtherNet/IP, EtherCat
Power Supply Connector M12
female 4 poles

TZ-F5M12



CanOpen
Input Bus M12
female 5 poles

TZ-M5M12



CanOpen
Output Bus M12
male 5 poles

TZ-F478



DeviceNet
Power Supply Connector 7/8
female 4 poles

TZ-F578



DeviceNet
Input Bus 7/8
female 5 poles

TZ-M578/T



TZ-M578
DeviceNet
Input Bus 7/8
male 5 poles

TZ-M578T
DeviceNet Bus
terminating connector 7/8
male 5 poles

TZ-F5M12-B



ProfiBus
Input Bus M12
female 5 poles B-code

TZ-M5M12-B/BT



TZ-M5M12-B
ProfiBus
Output Bus M12
male 5 poles B-code

TZ-M5M12-BT
ProfiBus Bus,
terminating connector M12
male 5 poles B-code

TZ-M4M12-D



ProfiNet, EtherNet/IP, EtherCat
Input/Output Bus M12
male 4 poles D-code

TSCFN16...



TSCFN16D0300
Prewired cable, sub-D, 25 poles,
16 signals 3 m
TSCFN16D0500
Prewired cable, sub-D 25 poles,
16 signals 5 m
TSCFN16D1000
Prewired cable, sub-D 25 poles,
16 signals 10 m

Assembly scheme

