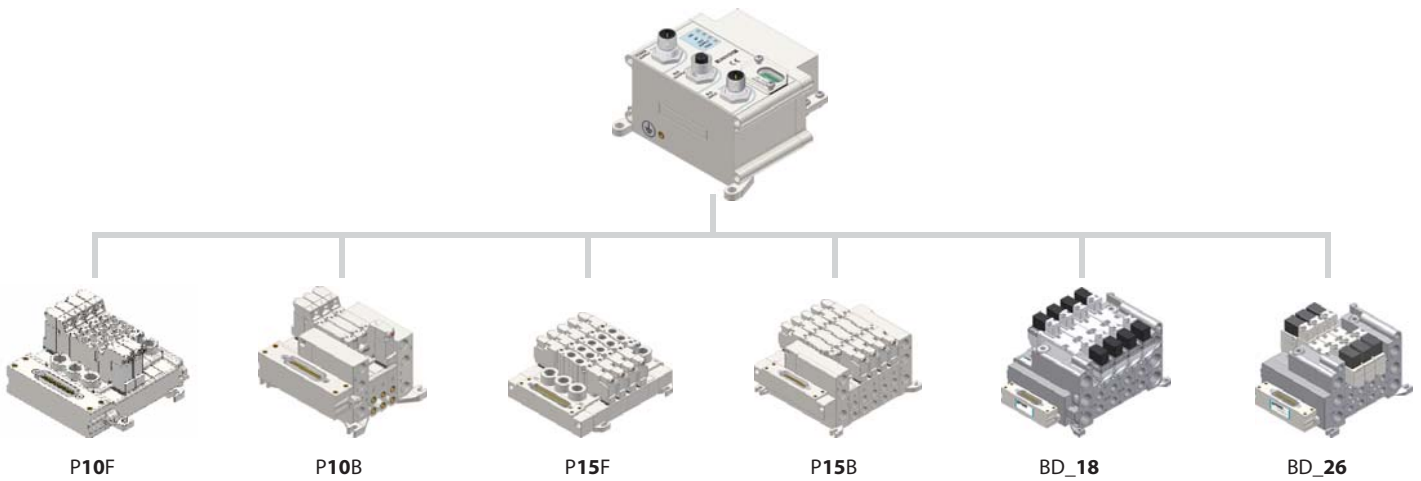


CHARACTERISTICS






Controlled devices	Manifold Digital Input M12/M8 - Output M12
Handling capacity	Max 64 Inputs + 64 Outputs
	Max 64 Inputs + 96 Outputs (ProfiNet)
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
	Profibus-DP
	ProfiNet



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 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 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 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>■ ProfiNet</p>  <table border="1"> <tr> <td>Part No.</td> <td>TCMP</td> </tr> <tr> <td>Auxiliary power supply</td> <td>-</td> </tr> <tr> <td>Fieldbus</td> <td>1 x M23 - 17 pins male</td> </tr> <tr> <td>Connectors</td> <td>1 x M23 - 17 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 24 coils</td> </tr> </table>	Part No.	TCMP	Auxiliary power supply	-	Fieldbus	1 x M23 - 17 pins male	Connectors	1 x M23 - 17 pins female	Diagnostics	Optical, Primary, Extended	Capacity max I/O	64 In - 40 Out 24 coils		
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Configurable expansion modules

<p>■ TC8I412 N. 8 Digital inputs M12</p>	<p>■ TC8U412 N. 8 Digital outputs M12</p>	<p>■ TC8I808 N. 8 Digital inputs M8</p>	<p>■ TCR32ID N. 16+16 Digital inputs</p> <p>■ TCR32UD N. 16+16 Digital outputs</p> <p>■ TCR1616 N. 16 Digital inputs + N. 16 Digital outputs</p>

TZ-F4M12	TZ-F5M12	TZ-M5M12	TZ-F478	TZ-F578
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<p>CANopen, ProfiBus, ProfiNet Power Supply Connector M12 female 4 poles</p>	<p>CanOpen Input Bus M12 female 5 poles</p>	<p>CanOpen Output Bus M12 male 5 poles</p>	<p>DeviceNet Power Supply Connector 7/8 female 4 poles</p>	<p>DeviceNet Input Bus 7/8 female 5 poles</p>
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TZ-M578/T	TZ-F5M12-B	TZ-M5M12-B/BT	TZ-M4M12-D	TSCFN16...
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<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>ProfiBus Input Bus M12 female 5 poles B-code</p>	<p>TZ-M5M12-B ProfiBus Output Bus M12 male 5 poles B-code</p> <p>TZ-M5M12-BT ProfiBus Bus, terminating connector M12 male 5 poles B-code</p>	<p>ProfiNet Input/Output Bus M12 male 4 poles D-code</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>
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Assembly scheme

1	FieldBus Module
2	Auxiliary Module - Inputs 8 x M8
3	Auxiliary Module - Inputs 4 x M12
4	Auxiliary Module - Outputs 4 x M12
5	TCXX end cover included (1 pc)
6	TCXX cover screws included (4 pcs)
7	I/O tie rods included (4 pcs)
8	I/O support foot included (4 pcs)
9	Adaptor for 18-26 mm VDMA Manifold