

## Connectors

# ASSMANN

WSW components



ASSMANN WSW components is well known as a worldwide system supplier for standard and customer tailored connectors, cable harnesses, heat sinks and assemblies. ASSMANN WSW components has almost 50 years of experience within the electromechanical and heat sink market.

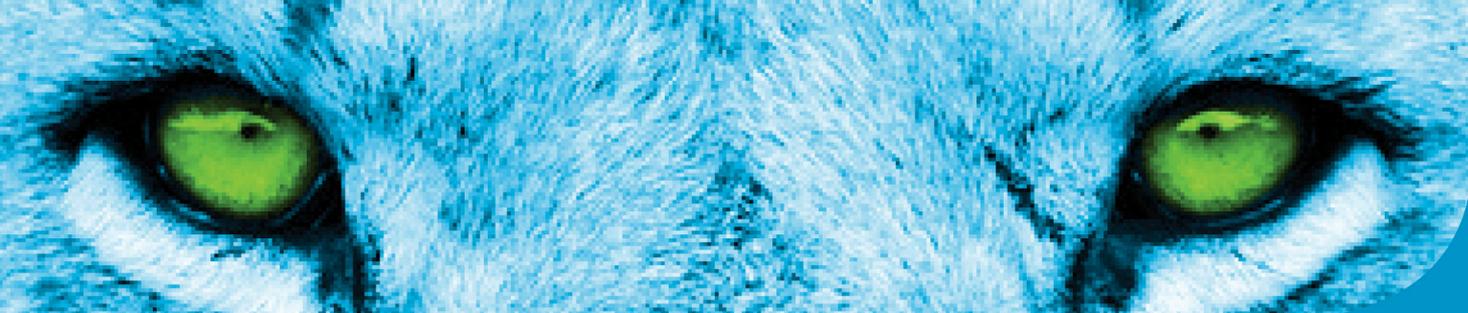
ASSMANN WSW extended their product portfolio of connectors by introducing an extensive range of circular connectors. The configurations are available in M8, M12 shell size; A, B, D, X codings; straight and right-angle; board mount and cable terminated options to meet the full system design needs.



ASSMANN WSW circular connectors are widely used in industrial control and automation. This product range offers a compact and robust design that ensures reliable transmissions of data and power simultaneously. With IP65, IP67 and IP68 rating options, it creates a dust-tight and waterproof interface against harsh conditions. The data speed is up to 10Gbit Ethernet with X-coding. With high speed data and high density connection, this product range offers attractive connectivity solutions for next generation smart manufacturing.

ASSMANN WSW offers product innovations based on custom tailored specification. Please just let us know your requirements. We would be glad to offer a customer-specific solution at competitive pricing. Take advantage of our know-how and feel free to use our services.

For more information please visit our website:  
<https://www.assmann-wsw.com/en/category/circular-connector/>

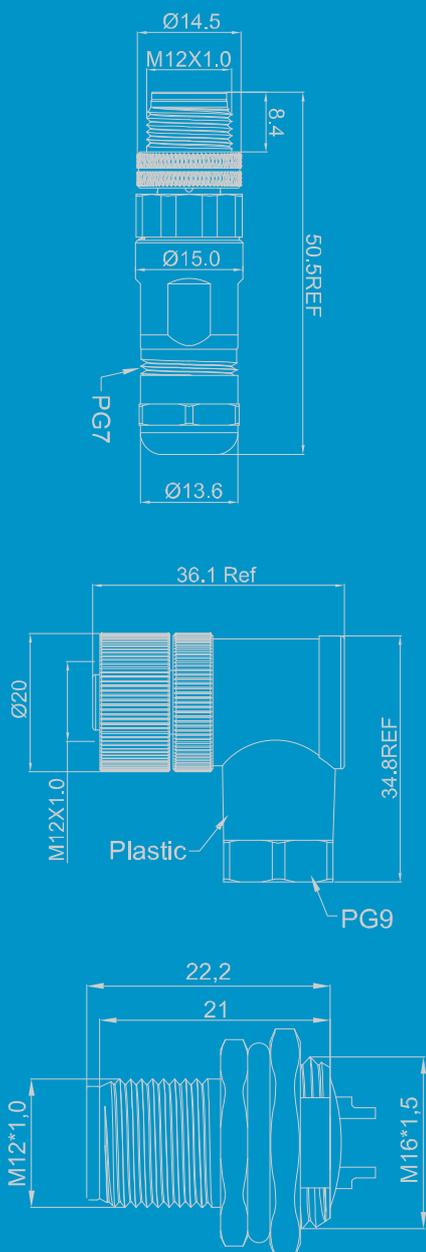


# Connectors

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## Technical Data

### Product Specifications (Cable Terminated Type)



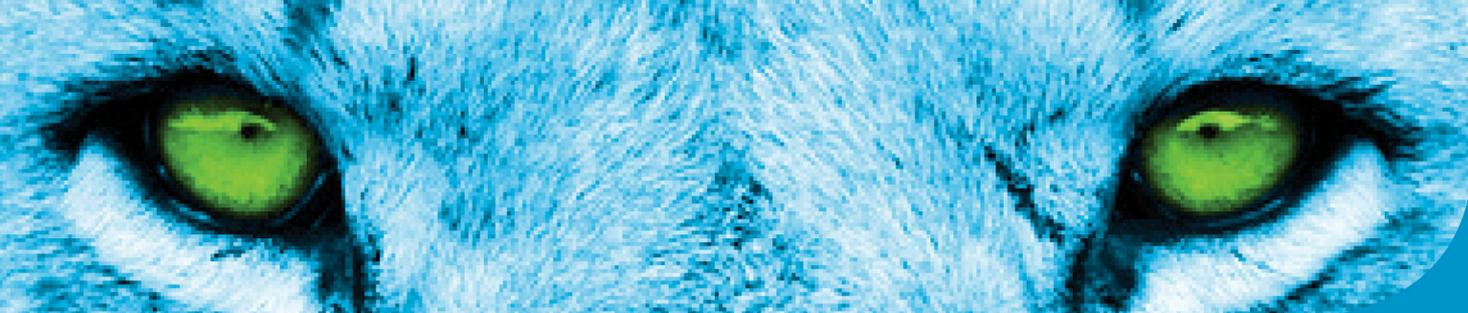
Product group	Circular Connector <ul style="list-style-type: none"> <li>Serial M8</li> <li>Serial M12</li> </ul>
Codings	A, B, D, X
Orientation	Straight or right-angle
IP rating	IP65/67, IP67/68, IP68
Termination	Screw-clamp, Solder-cup
Housing material	<ul style="list-style-type: none"> <li>Plastic</li> <li>Metal</li> </ul>
Contact material	Phosphor Bronze
Contact plating	Gold
Mating cycles	100 cycles min.
Number of contacts	3, 4, 5, 8, 12
Packaging method	Polybag
Operating temperature	-25°C to 85°C
Packaging units / MOQ	<ul style="list-style-type: none"> <li>100pcs.</li> <li>500pcs.</li> <li>1000pcs.</li> </ul>
Current rating	Up to 4A
Voltage rating	Up to 250 VAC / VDC
Contact resistance	$\leq 10\text{m}\Omega$
RoHS conform / REACH	YES

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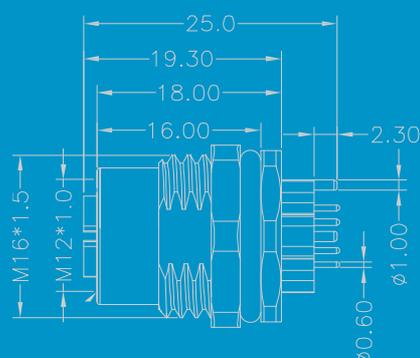
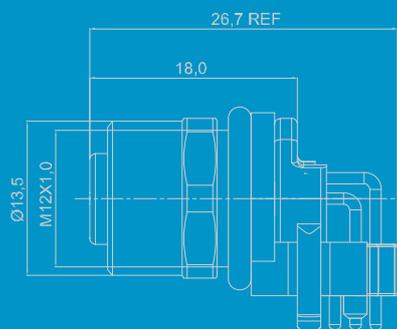
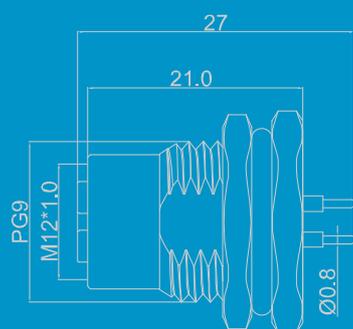


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## Technical Data

### Product Specifications (Board Mount Type)



Product group	Circular Connector <ul style="list-style-type: none"> <li>Serial M8</li> <li>Serial M12</li> </ul>
Codings	A, B, D, X
Orientation	Straight or right-angle
IP rating	IP67, IP67/68, IP68
Termination	Through-hole
Housing material	Metal
Contact material	Phosphor Bronze
Contact plating	Gold
Mating cycles	100 cycles min.
Number of contacts	3, 4, 5, 8, 12
Packaging method	Tray
Operating temperature	-25°C to 85°C
Packaging units / MOQ	<ul style="list-style-type: none"> <li>100pcs.</li> <li>500pcs.</li> <li>1000pcs.</li> </ul>
Current rating	Up to 4A
Voltage rating	Up to 250 VAC / VDC
Contact resistance	≤10mΩ
RoHS conform / REACH	YES

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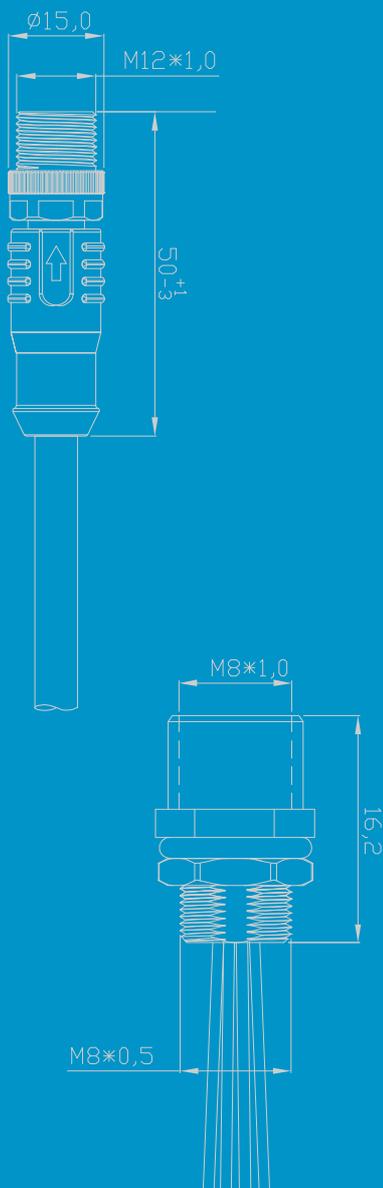
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## Technical Data

### Product Specifications (Cable Assembly)



Product group	Circular Cable Assembly <ul style="list-style-type: none"> <li>Serial M8</li> <li>Serial M12</li> </ul>
Codings	A, B, D, X
IP rating	IP67, IP67/68
Mounting	Panel mount, Free hanging
Cable type	Jacketed, Individual
Housing material	<ul style="list-style-type: none"> <li>Metal</li> <li>Plastic</li> </ul>
Contact material	Phosphor Bronze
Contact plating	Gold
Mating cycles	100 cycles min.
Number of contacts	3, 4, 5, 8, 12
Packaging method	Polybag
Operating temperature	-25°C to 85°C
Packaging units / MOQ	<ul style="list-style-type: none"> <li>100pcs.</li> <li>500pcs.</li> <li>1000pcs.</li> </ul>
Current rating	Up to 4A
Voltage rating	Up to 250 VAC / VDC
Contact resistance	$\leq 10\text{m}\Omega$
RoHS conform / REACH	YES