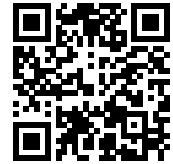


# ZS2020-2721 | M12, socket, field assembly, IP67, unshielded



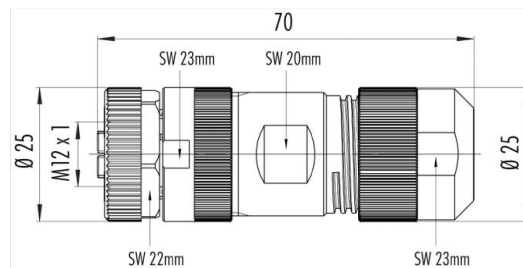
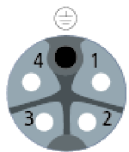
M12, socket, straight, female, 5-pin (4+PE), K-coded



Electrical data	
Rated voltage	630 V AC/DC (according to IEC 61076-2-111)
Rated current	12 A at 40 °C (according to IEC 61076-2-111)
Rated impulse voltage	6.0 kV
Shielding	no
Insulation resistance	≥ 100 GΩ (according to IEC 60512)
Mechanical data	
Accessories type	Coupling
Installation size	M12
Connector type	socket
Configuration	straight
Contact type	female
Number of positions (face)	5-pin (4+PE)
Coding	K-coded
Wire termination	screw connection
Recommended torque, nut	0.6 Nm
Mating cycles	≥ 100

Way of locking	screw
Body color	black
Body material	PA
Coupling nut material	PA
Contact carrier color	black
Contact carrier material	PA, UL 94 V-0
Contact plating	Au
Contact material	CuZn
Max. wire cross-section	AWG16 (1.5 mm <sup>2</sup> ) with wire end ferrule, AWG14 (2.5 mm <sup>2</sup> ) without wire end ferrule
Max. cable outer diameter	8.0...13.0 mm
<b>Environmental data</b>	
Ambient temperature (operation)	-40...+85 °C, -40...+185 °F
Protection rating	IP67 in screwed condition (according to IEC 60529)
Pollution level	3

## Dimensions



A1	70.0 mm
A2	Ø 25.0 mm

## Notes

- Illustrations similar

## Ordering information

ZS2020-2721

M12, socket, straight, female, 5-pin (4+PE), K-coded



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

Beckhoff®, TwinCAT®, TwinCAT/BSD®, TC/BSD®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, Safety over EtherCAT®, TwinSAFE®, XFC®, XTS® and XPlanar® are registered trademarks of and licensed by Beckhoff Automation GmbH. Other designations used in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owners.

© Beckhoff Automation GmbH & Co. KG 06/2023

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual application do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.