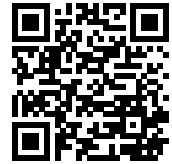


ZS2020-6720 | M12, power, field assembly, socket, straight, female, 5-pin, L-coded, IP67

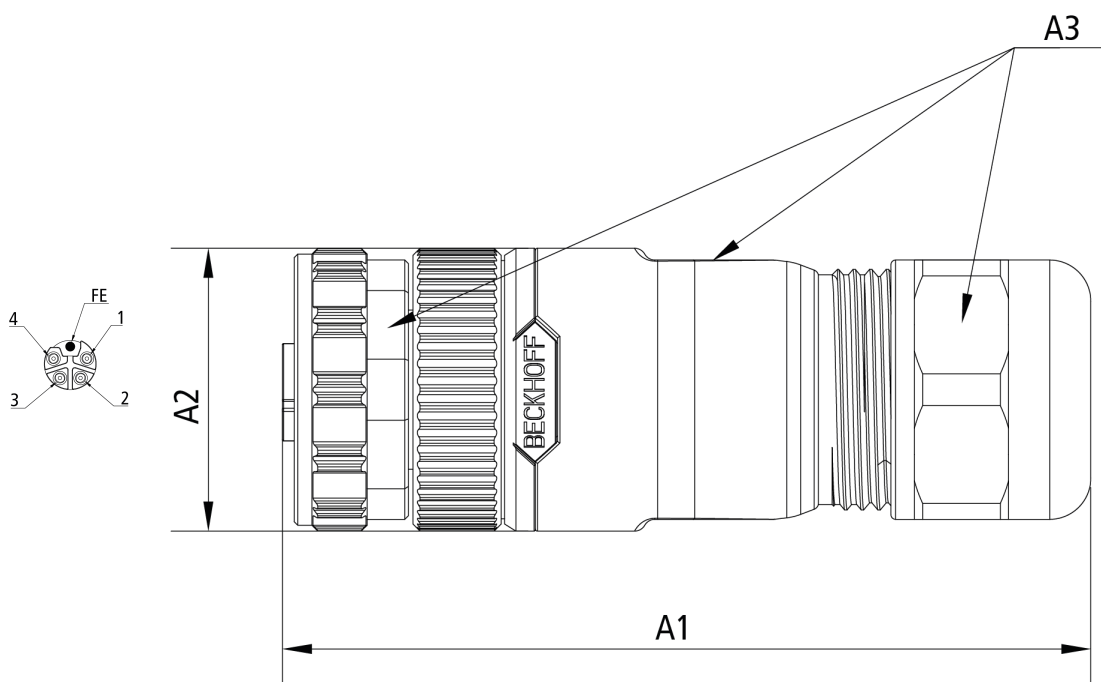


M12, socket, straight, female, 5-pin, L-coded



Electrical data	
Rated voltage	63 V (according to IEC 61076-2-111)
Rated current	16 A at 40°C with 2.5 mm ² wires (according to IEC 61076-2-111)
Insulation resistance	≥ 100 MΩ (according to IEC 60512)
Mechanical data	
Accessories type	Connectors
Installation size	M12
Connector type	socket
Configuration	straight
Contact type	female
Number of positions (face)	5-pin
Coding	L-coded
Wire termination	screw connection
Recommended torque, nut	0.6 Nm
Recommended torque, screw termination	0.2 Nm
Mating cycles	≥ 100 (according to IEC 60512-9a)

Way of locking	screw
Weight	0.120 kg (0.2646 lb)
Body color	metal
Body material	CuZn, Ni
Coupling nut material	CuZn, Ni
Seal	elastomers
O-ring	elastomers
Contact carrier color	black
Contact carrier material	PA, UL 94 V-0
Contact material	CuZn, Ni b/Au 0.2 gal.
Max. wire cross-section	AWG14 (2.5 mm ²)
Max. cable outer diameter	8.0...12.0 mm
Environmental data	
RoHS compliant	yes
Ambient temperature (operation)	-40...+105°C, -40...+221°F
Protection rating	IP67 in screwed condition (according to IEC 60529)
Pollution level	3/2 (according to IEC 60664-1)
UL	yes, UL2238
Application Note	Robust and high power transmission up to 16 A and 63 V for DC applications

Dimensions

A1 ~68 mm

A2	Ø 24 mm
A3	AF22

Notes

- Illustrations similar

Ordering information	
ZS2020-6720	socket field assembly, power, IP67, M12, straight, female, 5-pin, L-coded, 2.5 mm ² , Ø 7... 11 mm

Accessories	
ZB8801-0000	torque wrench for hexagonal plugs, adjustable
ZB8801-0004	Torque cable key, M12 (field assembly Power)wrench size 22, for ZB8801-0000



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®, ATRO®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, MX-System®, Safety over EtherCAT®, TC/BSD®, TwinCAT®, TwinCAT/BSD®, TwinSAFE®, XFC®, XPlanar® and XTS® 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 02/2026

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.