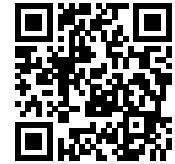


ZS1090-1007 | M8 socket field assembly, Ethernet/EtherCAT, IP67, shielded



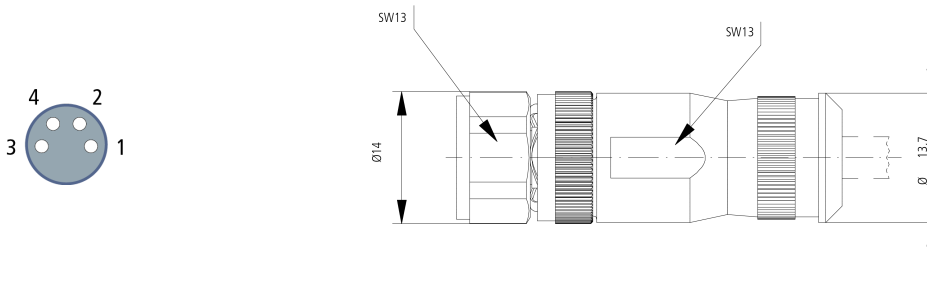
M8, socket, straight, female, 4-pin, A-coded



Electrical data	
Rated voltage	30 V (according to IEC 61076-2-104)
Rated current	4 A at 40°C (according to IEC 61076-2-104)
Shielding	yes
Insulation resistance	≥ 100 MΩ (according to IEC 60512)
Mechanical data	
Installation size	M8
Connector type	socket
Configuration	straight
Contact type	female
Number of positions (face)	4-pin
Coding	A-coded
Wire termination	screw connection
Recommended torque, nut	0.4 Nm
Mating cycles	≥ 100
Way of locking	screw
Weight per piece	0.028 kg (0.0617 lb)

Body color	metal
Body material	CuZn, Ni
Coupling nut material	CuZn, Ni
Seal	FPM
Contact carrier color	green
Contact carrier material	PA 6, UL 94 V0
Contact plating	Ni, Au gal.
Contact material	CuZn
Max. wire cross-section	AWG20 (0.5 mm ²)
Max. cable outer diameter	4.9 - 6.5 mm
Environmental data	
RoHS compliant	yes
Ambient temperature (operation)	-30...+85°C, -22...+185°F
Protection rating	IP65/67 in screwed condition (according to IEC 60529)
Pollution level	3/2 (according to IEC 60664-1)
UL	yes, UL E-file number: E331608

Dimensions



A1	40.00 mm
A2	Ø 10.1 mm

Notes

- Illustrations similar

Ordering information

ZS1090-1007

socket, field assembly, Ethernet/EtherCAT, M8, IP67, straight, female, 4-pin, A-coded, 0.14...0.5 mm², Ø 4.9...6.5 mm, shielded

Accessories

ZB8801-0000	torque wrench for hexagonal plugs, adjustable
ZB8801-0002	torque cable key, M12/wrench size 13, 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®, 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 08/2024

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.