ZS2000-3711 | M12 plug field assembly, sensor, IP65/67



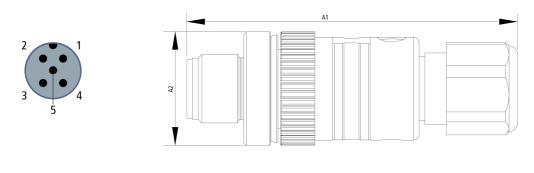
M12, plug, straight, male, 5-pin, A-coded



Electrical data	
Rated voltage	30 V
Rated current	4 A at 40 °C (according to IEC 61076-2-101)
Rated impulse voltage	1.5 kV
Shielding	no
Contact resistance	< 5 mΩ
Insulation resistance	1 GΩ
Mechanical data	
Accessories type	Connectors
Installation size	M12
Connector type	plug
Configuration	straight
Contact type	male
Number of positions (face)	5-pin
Coding	A-coded
Wire termination	screw connection
Recommended torque, nut	0.6 Nm

Mating cycles≥ 100 (according to IEC 60512-9a)Way of lockingscrewWeight per piece0.023 kg (0.0507 lb)Body colorblackBody materialPBTCoupling nut materialCuZn, NiSealFKMContact carrier colorblackDontact carrier materialPBTContact carrier materialPBTContact carrier materialPBTContact naterialCuZn (white bronze)Contact platingCuZn (white bronze)Contact materialCuZnMax. wire cross-sectionmax. 0.75 mm² (AWG18)Max. cable outer diameter3.0 - 6.5 mmSpecial featuresyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3ULyes, UL E-file number: E480185		
Weight per piece0.023 kg (0.0507 lb)Body colorblackBody materialPBTCoupling nut materialCuZn, NiSealFKMContact carrier colorblackDontact carrier materialPBTContact carrier materialCuSnZn (white bronze)Contact platingCuZnMax. wire cross-sectionmax. 0.75 mm² (AWG18)Max. cable outer diameter3.0 - 6.5 mmSpecial featuresyesRoHS compliantyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection rating1P67 in screwed condition (according to IEC 60529)Pollution level3	Mating cycles	≥ 100 (according to IEC 60512-9a)
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Coupling nut materialCuZn, NiSealFKMContact carrier colorblackContact carrier materialPBTContact platingCuSnZn (white bronze)Contact materialCuZnMax. wire cross-sectionmax. 0.75 mm² (AWG18)Max. cable outer diameter3.0 - 6.5 mmSpecial featuresSpecial featuresysRoHS compliantysProtection rating1P67 in screwed condition (according to IEC 60529)Pollution level3	Body color	black
SealFKMContact carrier colorblackContact carrier materialPBTContact platingCuSnZn (white bronze)Contact materialCuZnMax. wire cross-sectionmax. 0.75 mm² (AWG18)Max. cable outer diameter3.0 - 6.5 mmSpecial featuresRoHS compliantyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	Body material	PBT
Contact carrier colorblackContact carrier materialPBTContact platingCuSnZn (white bronze)Contact materialCuZnMax. wire cross-sectionmax. 0.75 mm² (AWG18)Max. cable outer diameter3.0 - 6.5 mmEnvironmental dataSpecial featuresRoHS compliantyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	Coupling nut material	CuZn, Ni
Contact carrier materialPBTContact platingCuSnZn (white bronze)Contact materialCuZnMax. wire cross-sectionmax. 0.75 mm² (AWG18)Max. cable outer diameter3.0 - 6.5 mmEnvironmental dataEnvironmental dataSpecial featuresyesRoHS compliantyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	Seal	FKM
Contact platingCuSnZn (white bronze)Contact materialCuZnMax. wire cross-sectionmax. 0.75 mm² (AWG18)Max. cable outer diameter3.0 - 6.5 mmEnvironmental dataSpecial featuresRoHS compliantyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	Contact carrier color	black
Contact materialCuZnMax. wire cross-sectionmax. 0.75 mm² (AWG18)Max. cable outer diameter3.0 - 6.5 mmEnvironmental dataSpecial featuresRoHS compliantyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	Contact carrier material	PBT
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Max. cable outer diameter3.0 - 6.5 mmEnvironmental dataImage: Special featuresSpecial featuresyesRoHS compliantyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	Contact material	CuZn
Environmental dataSpecial featuresRoHS compliantyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	Max. wire cross-section	max. 0.75 mm ² (AWG18)
Special featuresRoHS compliantyesAmbient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	Max. cable outer diameter	3.0 - 6.5 mm
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Ambient temperature (operation)-25+90 °C, -13+194 °FProtection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	Special features	
Protection ratingIP67 in screwed condition (according to IEC 60529)Pollution level3	RoHS compliant	yes
Pollution level 3	Ambient temperature (operation)	-25+90 °C, -13+194 °F
	Protection rating	IP67 in screwed condition (according to IEC 60529)
UL yes, UL E-file number: E480185	Pollution level	3
	UL	yes, UL E-file number: E480185

Dimensions



A1	~60.00 mm
A2	Ø 20.00 mm

Notes

- Illustrations similar

Ordering information	
ZS2000-3711	plug, field assembly, sensor, IP65/67, M12, straight, male, 5-pin, A-coded, 0.25 0.75 mm², Ø 36.5 mm

Accessories	
ZB8801-0000	torque wrench for hexagonal plugs, adjustable
ZB8801-0003	torque cable key, M12F/wrench size 18, for ZB8801-0000

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