



Ethernet/EtherCAT-Connector

M12, plug, d-coded, metal housing, IP 67, 4-pin, screw type, OD≤8.0mm

Connector

Electrical data	
Rated voltage	250V
Rated current	4.0A at 40°C
Rated impulse voltage	2,5kV
Shield	yes
Contact resistance	<3mΩ
Insulation resistance	≥100MΩ
Mechanical data	
Installation size (M12, M8,...)	M12
Connector type (plug, socket)	socket
Configuration (straight, angled, open end)	straight
Contact type (male, female)	female
Number of positions (face)	4
Coding	d
Wire termination	screw
Mating cycles	≥100
Body color	nickel
Body material	Zinc die cast, nickel plating
Coupling nut material	CuZn, Ni
Sealing material	elastomere
Contact carrier color	black
Contact carrier material	PA 6, UL 94 V-0
Contact material	CuZn
Contact plating	Au
max. wire cross section	0.14 - 0.75mm ²
max. cable outer diameter	5.0 – 8.0mm
Environmental data	
Other characteristics	RoHS-conform
Operation temperature range in °C (°F)	-40°C up to 85°C (-40°F up to 185°F)
UV resistance	yes
Oil resistance	yes
Protection level	IP67
Degree of pollution	3
Ordering information	
ZS1090-0010	