

## M12, female, straight, 4 poles, D-coded, shielded, Industrial Ethernet 100 MBit/s



### Product data

Item description	IE-WAKSY4.029-m/S5200
Item-No.	V0009954
Länge	on demand
Customs tariff-No.	85444290
Step-File	IE-WAKSY4-m.stp

### Technical data

Connector	female, straight, M12
Number of pins	4
Pin assignment	1 YE, 2 WH, 3 OG, 4 BU
Coding	D
Rated voltage	60V
Current load per pin (at 40°C)	4A
Insulation resistance	≥10 <sup>9</sup> Ω
Resistance	≤ 5mΩ
Transmission features	Cat5e
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, GN
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Shielding	with shielding
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3
Style	straight

**Cable web**
**Cat5e, PVC, UL, S5200, PROFINET**

Shielded, PVC-cable for industrial applications. The cable is AWM-Style 21694 verified or meets the Cat5e (electrical properties of EN 50288-2-1) requirements.

Outer diameter of jacket	6.50 mm
Cable-jacket material	PVC
Jacket color	GN, similar RAL6018
Wire cross-section	1 x 4 x AWG22, star quad
Wire insulation material	PVC
Wire colors	WH, BU, OG, YE
Wire structure	7 x 0.25 mm
Bending radius (fixed)	3 x Ø-cable
Bending radius (repeated)	7 x Ø-cable
Temperature range (repeated)	-40°C...+80°C
Temperature range (fixed)	-20°C...+60°C
Shielding	with shielding
Halogen-free	No
UL AWM style	UL AWM 21694
Transmission features	Cat5e
Rated voltage cable	600 V UL rating
Special features	flame retardant, high flexibility, microbes resistant, oil resistant, oil- and fuel resistant, ozone resistant, PROFINET Type B, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant

**Classification**

eCl@ss 6.0	27060307
eCl@ss 7.0	27060307
eCl@ss 8.0	27060307
eCl@ss 9.0	27060307
ETIM 5.0	EC000830
ETIM 6.0	EC000830