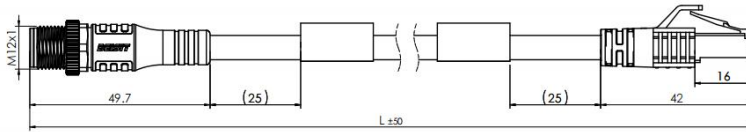


# Industrial Ethernet Cable – Extension Cable, M12 X-Code, Male, RJ45 8pin, Shielding



**Typocode** M12X08CZM1ZRJ45U020E62  
**ID** 1006050000294

## Technical Data\*

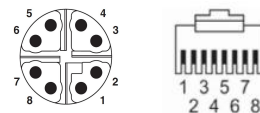
Connector A	
Connector	M12, Male, X-Code, Straight
Number of pins	8
Contacts	Brass, Gold-plated
Coupling nut/screw	Zinc, Nickel-plated
Contact carriers	PA
Seal	No
Connector body	PUR, black
LED	No
Mechanical lifespan	≥ 100 Mating cycles
Protection class	IP67, Only in screwed condition
Locking mode	Screw, M12 x 1
Standard	IEC 61076-2

Connector B	
Connector	RJ45
Number of pins	8
Contacts	Brass, Gold-plated
Contact carriers	PC
Connection mode	IDC
Mechanical lifespan	≥ 750 Mating cycles
Protection class	IP20
Locking mode	Snap-in
Transfer rate	1000 Mbit/s;

## Features

- RJ45, 8Pin
- M12 x 1, 8Pin
- Resistant to chemicals and oils
- Resistant to salt spray
- Resistance to welding sparks
- Resistant to abrasion
- RoHS-compliant
- Approval: CE

## Contact assignment



## Technical Data\*

### Cable

Cable length	Ø 6.80 mm ± 0.30 mm		
Cable diameter	2 m		
Cable jacket	Dark green, TPU		
Core insulation	PE		
Core cross-section	8 x 26AWG		
Shielding	Yes		
Core colors	WH/OG, OG; WH/BN, BN;	WH/GN, GN WH/BU, BU	

### Electrical properties

Connector rated voltage	60 V
Connector rated current	0.5 A
Overvoltage category	I
Pollution degree	II
Transport category	CAT 6A

### Mechanical and chemical properties

Bending radius (stationary installation)	8 x OD
Bending radius (flexible use)	15 x OD
Bending cycles	≥ 1 Mio.

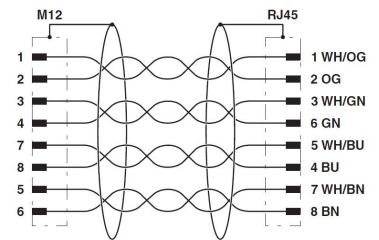
### Operation temperature

Ambient temperature range (stationary)	-40 °C ... +80 °C
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### Commercial data

Packaging unit	1 pc
Country of origin	CN

### Connection diagram



\* Please note that the data specified here were design data, and the parameters of product are subject to changes without prior notice. Matters not mentioned herein. Please contact customer service. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.