

IE-AD-M12XRJ45-180

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



General ordering data

Version	Adapter, RJ45, M12, Cat.6A / Class EA (ISO/IEC 11801 2010), IP67, M12 socket to RJ45 socket
Order No.	1400620000
Type	IE-AD-M12XRJ45-180
GTIN (EAN)	4050118202526
Qty.	1 items

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Technical data

Approvals

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ROHS Conform
UL File Number Search [UL Website](#)
Certificate no. (cULus) E316369

Dimensions and weights

Wall thickness, min. 0.9 mm Wall thickness, max. 3 mm
Net weight 40.48 g

Temperatures

Storage temperature
Installation temperature Operating temperature -25 °C...85 °C

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption
RoHS Exemption (if applicable/known) 6c
REACH SVHC Lead 7439-92-1
SCIP 67cf1078-beca-4687-860b-dc475a6ec24a

Technical data customisable plug-in connectors

Number of poles	8	Coding	X-coded
Contact surface	Gold-plated	Housing main material	Zinc diecast
Insulation resistance	100 MΩ	Category	Cat.6A / Class EA (ISO/IEC 11801 2010)
Contact material	Copper alloy	Nominal voltage	50 V
Protection degree	IP67	Plugging cycles	≥ 100 (M12), 750 (RJ45)

General Info

Number of poles	8	Connection 1	RJ45
Connection 2	M12	Description of article	Adapter, straight
Composition	M12 socket to RJ45 socket	Housing main material	Zinc diecast
Category	Cat.6A / Class EA (ISO/IEC 11801 2010)	Connection thread	M12
Contact material	Copper alloy	Contact surface	Gold-plated
Shielding	360° shield contact	Protection degree	IP67
Plugging cycles	≥ 100 (M12), 750 (RJ45)		

Electrical properties

Insulation resistance 100 MΩ Nominal voltage 50 V

Standards

Connector standard IEC 61076-2-109, IEC 60603-7-51

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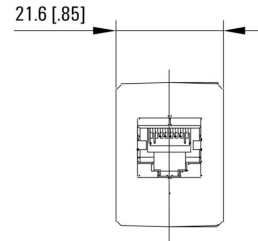
Technical data**General technical specifications**

Number of poles	8	Coding	X-coded
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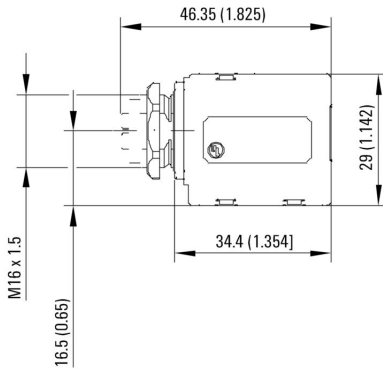
Classifications

ETIM 8.0	EC000313	ETIM 9.0	EC000313
ETIM 10.0	EC000313	ECLASS 14.0	27-44-03-20
ECLASS 15.0	27-44-03-20		

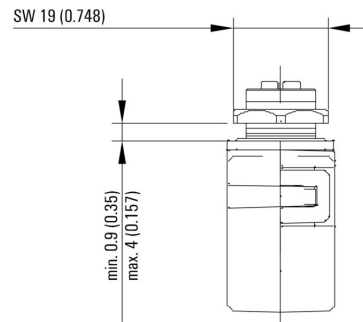
Dimensioned drawing



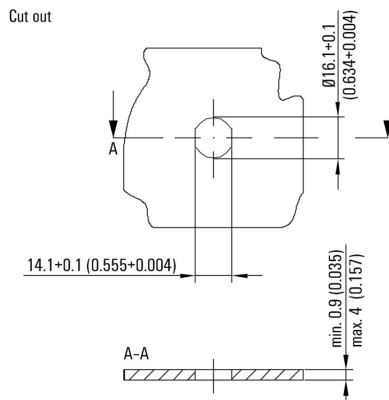
Dimensioned drawing



Dimensioned drawing



Installation cut-out



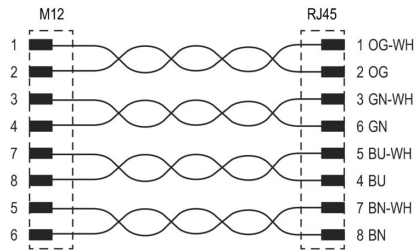
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Drawings

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Wiring



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Accessories

Screwty® cable gland tool



The ideal tool for any application
 Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET	Version	
Order No.	1910000000		Cable gland tool for M8, M12 lines and connectors
GTIN (EAN)	4032248436842		
Qty.	1 ST		

Screwty® cable gland tool with torque function



The ideal tool for any application
 Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET -DM	Version	
Order No.	1920000000		Cable gland tool for M8, M12 lines and connectors
GTIN (EAN)	4032248436859		
Qty.	1 ST		

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General ordering data

Type	SCREWTY- M12 F	Version	
Order No.	1900020000	Cable gland tool for M12 connectors	
GTIN (EAN)	4032248375851		
Qty.	1 ST		

Screwty® cable gland tool with torque function



The ideal tool for any application
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General ordering data

Type	SCREWTY-M12 F-DM	Version	
Order No.	1900021000	Cable gland tool for M12 connectors	
GTIN (EAN)	4032248436828		
Qty.	1 ST		