

IE-AD-M12XRJ45-90

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	Adapter, RJ45 90°, M12, Cat.6A / Class EA (ISO/IEC 11801 2010), IP67, M12 socket to RJ45 socket
Order No.	1400610000
Type	IE-AD-M12XRJ45-90
GTIN (EAN)	4050118202519
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Wall thickness, min.	0.9 mm	Wall thickness, max.	3 mm
Net weight	6.2 g		

Temperatures

Operating temperature	-25 °C...85 °C
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Technical data customisable plug-in connectors

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

General Info

Number of poles	8	Connection 1	RJ45 90°
Connection 2	M12	Description of article	Adapter, angled
Configuration	M12 socket to RJ45 socket	Housing main material	Zinc diecast
Category	Cat.6A / Class EA (ISO/IEC 11801 2010)	Connection thread	M12
Contact material	Cu-alloy	Contact surface	Gold-plated
Shielding	360° shield contact	Protection degree	IP67
Plugging cycles	≥ 100 (M12), 750 (RJ45)		

Electrical properties

Insulation strength	100 MΩ	Rated voltage	50 V
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Standards

Connector standard	IEC 61076-2-109, IEC 60603-7-51
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General technical specifications

Coding	X-coded	Connection thread	M12
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Classifications

ETIM 6.0	EC000313	ETIM 7.0	EC000313
ETIM 8.0	EC000313	ETIM 9.0	EC000313
ECLASS 9.0	27-44-03-20	ECLASS 9.1	19-17-01-25
ECLASS 10.0	27-44-03-20	ECLASS 11.0	27-44-03-20
ECLASS 12.0	27-44-03-20	ECLASS 13.0	27-44-03-20

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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E471884

Downloads

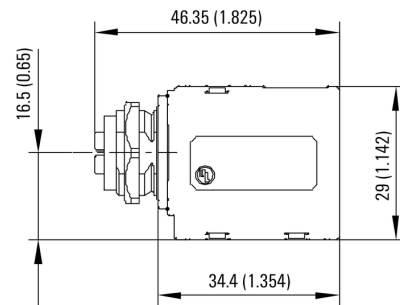
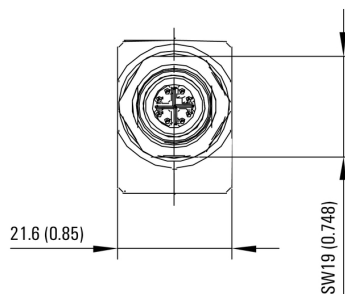
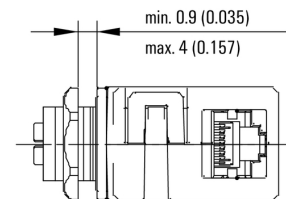
Approval/Certificate/Document of Conformity	DUXR.E316369 PROFINET Manufacturer's Declaration
Engineering Data	CAD data – STEP
Product Change Notification	20200827 Technische Änderung zu M12-X-codeRJ45 Adapter 20200827 Technical change to M12 X-codeRJ45 adapter
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN

IE-AD-M12XRJ45-90

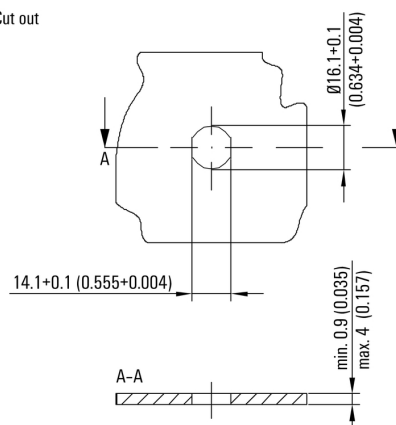
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Drawings
Product image

Dimensioned drawing

Dimensioned drawing

Dimensioned drawing

Installation cut-out

Cut out



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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	Packaging
Order No.	1910000000	Cable gland tool for M8, M12 lines and connectors	Cardboard box
GTIN (EAN)	4032248436842		
Qty.	1 pc(s).		
Type	SCREWTY- M12 F	Version	Packaging
Order No.	1900020000	Cable gland tool for M12 connectors	Cardboard box
GTIN (EAN)	4032248375851		
Qty.	1 pc(s).		

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	Packaging
Order No.	1920000000	Cable gland tool for M8, M12 lines and connectors	Cardboard box
GTIN (EAN)	4032248436859		
Qty.	1 pc(s).		
Type	SCREWTY-M12 F-DM	Version	Packaging
Order No.	1900021000	Cable gland tool for M12 connectors	Cardboard box
GTIN (EAN)	4032248436828		
Qty.	1 pc(s).		

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Drawings

Wiring

