

Cabling solutions

Plug-and-Produce Rather Than Complex Assembly

Ready-for-connection cables for every requirement



Weidmüller 

Weidmueller Offers the Right Cabling Solution for Every Application

Whether it's signal cables, data cables or network cables with RJ45 connectors, we have what you need for seamless connectivity in any application area. Our products are designed to match your requirements which provides a hassle-free experience.

With different levels of individualisation, we accommodate your needs in every planning situation. Contact us today and explore our connectivity solutions!



From standard solutions through new developments – with us you are always connected



Seamless interconnection

Our cordsets offer reliable transmission of power, signals and data with consistent connection technology from a single source.



High-quality technologies

Our plug-in connectors and cables comply with the latest quality standards.



Flexible customisation

From standard to customized cable, we ensure the optimal implementation.



- Cables made of PUR, PVC and LSZH available
- Huge selection of color alternatives
- Inclusive of markings for fast identification




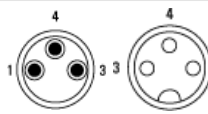

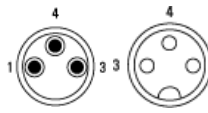

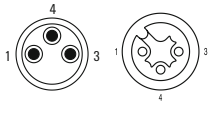

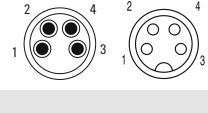

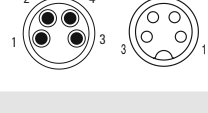



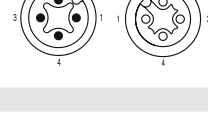

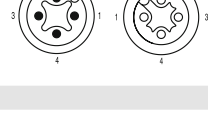

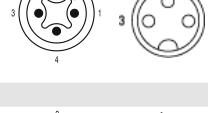

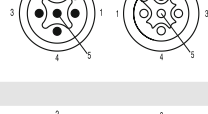

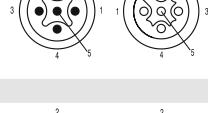


- Available with M8, M12, 7/8", M23 and RJ45 plug-in connectors
- 360° shielding and vibration resistance for fault-free operation
- M8 and M12 according to DIN EN 61076




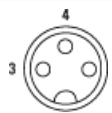

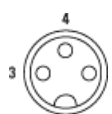

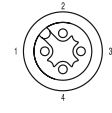

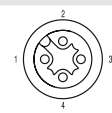

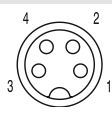

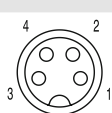

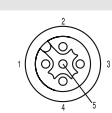

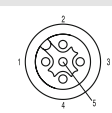
- Compliance with protection classes IP65, IP66, IP67, IP68 and IP69
- Safe installation with the Screwty® torque screwdriver

Our solutions support you in handling even the most complex of cabling tasks

Sensor Actuator Cables – Connecting Line

Type	Description	Length (m)	Order No.	
	SAIL-M8GM8G-3-1.0U	1	1824570100	
	SAIL-M8GM8G-3-3.0U	3	1824570300	
	SAIL-M8GM8G-3-5.0U	5	1824570500	
	SAIL-M8GM8G-3-10U	10	1824571000	
	SAIL-M8WM8W-3-1.0U	1	1857670100	
	SAIL-M8WM8W-3-3.0U	3	1857670300	
	SAIL-M8WM8W-3-5.0U	5	1857670500	
	SAIL-M8WM8W-3-10U	10	1857671000	
	SAIL-M8GM12G-3-1.0U	1	1937950100	
	SAIL-M8GM12G-3-3.0U	3	1937950300	
	SAIL-M8GM12G-3-5.0U	5	1937950500	
	SAIL-M8GM12G-3-10U	10	1937951000	
	SAIL-M8GM8G-4-1.0U	1	1880470100	
	SAIL-M8GM8G-4-3.0U	3	1880470300	
	SAIL-M8GM8G-4-5.0U	5	1880470500	
	SAIL-M8GM8G-4-10U	10	1880471000	
	SAIL-M8WM8W-4-1.5U	1.5	1857680150	
	SAIL-M8WM8W-4-3.0U	3	1857680300	
	SAIL-M8WM8W-4-5.0U	5	1857680500	
	SAIL-M8WM8W-4-10U	10	1857681000	
	SAIL-M8GM12G-4-1.0U	1	1937980100	
	SAIL-M8GM12G-4-3.0U	3	1937980300	
	SAIL-M8GM12G-4-5.0U	5	1937980500	
	SAIL-M8GM12G-4-10U	10	1937981000	
	SAIL-M12GM12G-4-1.0U	1	1906300100	
	SAIL-M12GM12G-4-3.0U	3	1906300300	
	SAIL-M12GM12G-4-5.0U	5	1906300500	
	SAIL-M12GM12G-4-10U	10	1906301000	
	SAIL-M12GM12W-4-1.0U	1	9457310100	
	SAIL-M12GM12W-4-3.0U	3	9457310300	
	SAIL-M12GM12W-4-5.0U	5	9457310500	
	SAIL-M12GM12W-4-10U	10	9457311000	
	SAIL-M12GM8G-3-1.0U	1	9457770100	
	SAIL-M12GM8G-3-3.0U	3	9457770300	
	SAIL-M12GM8G-3-5.0U	5	9457770500	
	SAIL-M12GM8G-3-10U	10	9457771000	
	SAIL-M12GM12G-5-1.0U	1	9457340100	
	SAIL-M12GM12G-5-3.0U	3	9457340300	
	SAIL-M12GM12G-5-5.0U	5	9457340500	
	SAIL-M12GM12G-5-10U	10	9457341000	
	SAIL-M12GM12W-5-1.0U	1	9457270100	
	SAIL-M12GM12W-5-3.0U	3	9457270300	
	SAIL-M12GM12W-5-5.0U	5	9457270500	
	SAIL-M12GM12W-5-10U	10	9457271000	
	SAIL-M12GM8G-4-1.0U	1	9456660100	
	SAIL-M12GM8G-4-3.0U	3	9456660300	
	SAIL-M12GM8G-4-5.0U	5	9456660500	
	SAIL-M12GM8G-4-10U	10	9456661000	

Sensor Actuator Cables – One Side Open

Type	Description	Length (m)	Order No.	
M8 female straight, 3-pole, PUR 	SAIL-M8BG-3-1.0U	1	9457450100	
	SAIL-M8BG-3-3.0U	3	9457450300	
	SAIL-M8BG-3-5.0U	5	9457450500	
	SAIL-M8BG-3-10U	10	9457451000	
M8 female angled 90°, 3-pole, PUR 	SAIL-M8BW-3-1.2U	1.2	9457380120	
	SAIL-M8BW-3-3.0U	3	9457380300	
	SAIL-M8BW-3-5.0U	5	9457380500	
	SAIL-M8BW-3-10U	10	9457381000	
M12 female straight, 4-pole, PUR A-coded 	SAIL-M12BG-4-1.2U	1.2	9457730120	
	SAIL-M12BG-4-3.0U	3	9457730300	
	SAIL-M12BG-4-5.0U	5	9457730500	
	SAIL-M12BG-4-10U	10	9457731000	
M12 female angled 90°, 4-pole, PUR A-coded 	SAIL-M12BW-4-1.0U	1	9457740100	
	SAIL-M12BW-4-3.0U	3	9457740300	
	SAIL-M12BW-4-5.0U	5	9457740500	
	SAIL-M12BW-4-10U	10	9457741000	
M8 female straight, 4-pole, PUR 	SAIL-M8BG-4-1.5U	1.5	9457850150	
	SAIL-M8BG-4-3.0U	3	9457850300	
	SAIL-M8BG-4-5.0U	5	9457850500	
	SAIL-M8BG-4-10U	10	9457851000	
M8 female angled 90°, 4-pole, PUR 	SAIL-M8BW-4-1.5U	1.5	9456150150	
	SAIL-M8BW-4-3.0U	3	9456150300	
	SAIL-M8BW-4-5.0U	5	9456150500	
	SAIL-M8BW-4-10U	10	9456151000	
M12 female straight, 5-pole, PUR A-coded 	SAIL-M12BG-5-1.5U	1.5	9457910150	
	SAIL-M12BG-5-3.0U	3	9457910300	
	SAIL-M12BG-5-5.0U	5	9457910500	
	SAIL-M12BG-5-10U	10	9457911000	
M12 female angled 90°, 5-pole, PUR A-coded 	SAIL-M12BW-5-1.2U	1.2	9457690120	
	SAIL-M12BW-5-3.0U	3	9457690300	
	SAIL-M12BW-5-5.0U	5	9457690500	
	SAIL-M12BW-5-10U	10	9457691000	

All versions are also available as a male version.

Cord sets, patchcords and cables



Additional lengths available online or by request

Industrial Ethernet Cables

Type	Description	Length (m)	Order No.		
RJ45 straight to RJ45 straight, T568B, PE-LSZH CAT 6					
Cabinet Line					
	IE-C6FP8LG0005M40M40-G	0.5	1251590005		
	IE-C6FP8LG0010M40M40-G	1	1251590010		
	IE-C6FP8LG0030M40M40-G	3	1251590030		
	IE-C6FP8LG0050M40M40-G	5	1251590050		
RJ45 straight to RJ45 straight, PROFINET - CAT 5e, PUR					
Industrial Line					
	IE-C5DD4UG0005A60A60-E	0.5	2047310005		
	IE-C5DD4UG0015A60A60-E	1	2047310010		
	IE-C5DD4UG0030A60A60-E	3	2047310030		
	IE-C5DD4UG0050A60A60-E	5	2047310050		
	IE-C5DD4UG0100A60A60-E	10	2047310100		
M12 male straight to RJ45 straight, Cat 5e, PUR					
D-coded					
	IE-C5DD4UG0010MCSA20-E	1	1044470010		
	IE-C5DD4UG0030MCSA20-E	3	1044470030		
	IE-C5DD4UG0050MCSA20-E	5	1044470050		
	IE-C5DD4UG0100MCSA20-E	10	1044470100		
M12 screw connection to RJ45 straight, Cat 6A					
X-coded					
	IE-C6EL8UG0050U40XCS-E	5	1457580050		
	IE-C6EL8UG0100U40XCS-E	10	1457580100		
	IE-C6EL8UG0150U40XCS-E	15	1457580150		

Note: Additional colors available

Connectors

Type	Description	Order No.		
M8 Field attachable connector straight, A-coded				
PUSH IN Connection				
	SAISGP-P-3A-3.5/5.5-M8, 3-pole, male	3103320000		
	SAIBGP-P-3A-3.5/5.5-M8, 3-pole, female	3103360000		
	SAISGP-P-4A-3.5/5.5-M8, 4-pole, male	3103330000		
	SAIBGP-P-4A-3.5/5.5-M8, 4-pole, female	3103370000		
M12 Field attachable connector straight, A-coded				
screw connection/locking				
	SAISGS-P-4A-4/6-M12, 4-pole, male	9457550000		
	SAIBGS-P-4A-4/6-M12, 4-pole, female	9457240000		
	SAISGS-P-5A-4/6-M12, 5-pole, male	9456940000		
	SAIBGS-P-5A-4/6-M12, 5-pole, female	9457250000		
M12 Field attachable connector straight, D-coded				
PUSH IN Connection				
	SAISP-M-4D-4/8-M12, 4-pole, male	2681680000		
	SAIBP-M-4D-4/8-M12, 4-pole, female	2681700000		
M12 Field attachable connector straight, A-coded				
PUSH IN Connection				
	SAISP-4A-4/8-M12, 4-pole, male	2681480000		
	SAIBP-4A-4/8-M12, 4-pole, female	2681500000		
	SAISP-5A-4/8-M12, 5-pole, male	2681560000		
	SAIBP-5A-4/8-M12, 5-pole, female	2681580000		

Screwty® Tool for M8, M12, M23 with Torque Function



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. This means 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.

Screwty® is suitable for the following round plugs:

Connectors					
Type	M8	M8F	M12	M12F	M23
Size	10 ± 0.3mm	11.9 ± 0.3mm	14.5 ± 0.3mm	19.8 ± 0.3mm	26.2 ± 0.3mm
Thread	M8 x 1	M8 x 1	M12 x 1	M12 x 1	M23 x 1

Steps

- Position Screwty®
- Tighten connector
- Finished!

Screwty® Set



Screwty® M23

Type	Description	Qty	Order No.
Screwty® Set - DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty torque, 1 each of Screwty® M12, M8, M12F, M8F attachments	1	1920000000



Screwty® Tool

Screwty® attachments

Type	Description	Qty	Order No.
Screwty® M8 KO O. SD	Cable gland tool adapter for molded M8 lines	1	1900110000
Screwty® M8F KO O. SD	Cable gland tool adapter for M8 connectors	1	1900031000
Screwty® M12 KO O. SD	Cable gland tool adapter for molded M12 lines	1	1900100000
Screwty® M12F KO O. SD	Cable gland tool adapter for M12 connectors	1	1900120000
Screwty® M23	Cable gland tool adapter for M23 lines and connectors	1	1981560000



Screwty® M8

Screwty® M8F



Screwty® M12

Screwty® M12F

Screwty® M23

The stripax® ULtimate – Increase Efficiency and Productivity

For stripping wires with tough insulation

Use our professional tools with SAI cordsets to “plug-and-produce” instead of complex assembly

The stripax® ULtimate was produced in response to an increasing demand for a quick and precise hand tool to strip wires with tough insulation. Examples include those specified for use in transportation where low smoke halogen-free wires are required, or in wind turbines where Teflon insulation withstands temperatures from -40°C to 145°C. Other industries with specifications for UL type wires include oil and gas processing, machinery and robotics and all those where ATEX standards apply.



Features

V-shaped blades

- Designed to strip wires with tough insulation, such as THHN, SIS and halogen-free
- Blade shape reduces the hand-force required to strip the insulation

Easy to operate

- Self adjusting for wire gauges 0.25-6 mm²
- Sliding side lever for setting insulation cutting depth
- Adjustment screw for very hard insulation or large gauge wire

Preps wires for ferrule crimping

- Simply switch the three-stage lever and the tool leaves insulation on the end of the wire to prevent conductors from fanning out
- Strips insulation up to 25 mm



Technical data

stripax® ULtimate

Description	Wire Gauge	Wire Types	Insulation Types *	Cycles	Order No.
Tools, stripping and cutting tool	0.25-6 mm ²	Round flexible or solid	THHN, SIS, silicone, Teflon (FEP & PTFE), TEW and halogen-free	25,000	1468880000

NOTE: *Insulation types listed correspond with UL wire classifications. A sample test is recommended.

Ordering information



Type	Order No.
spare blade	1471390000



stripax® ULtimate

Weidmüller – Your partner in Smart Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Smart Industrial Connectivity.

We cannot guarantee that there are no mistakes in the publications or software provided by us to the customer for the purpose of making orders. We try our best to quickly correct errors in our printed media.

All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
32758 Detmold, Germany
T +49 5231 14-0
F +49 5231 14-292083
www.weidmueller.com

Personal support can
be found on our website:
www.weidmueller.com/contact

Made in Germany

SMM/07/25