

# Tools and markers

---

<b>Tools and markers</b>	Introduction	I.2
	Screwty®	I.4
	Cutting tools	I.7
	Sheathing and insulation stripping tools	I.8
	Stripping and cutting tools	I.9
	M23 crimping tools	I.12
	Identification systems	I.14

---

## SAI tools

The Screwty® is a state of the art tool that features a unique, patented retention method. The adjustable torque ensures that the connectors have actually been sealed tightly. The Screwty® attachment for M23 is also very important. The sealing method for the M8 and M12 connectors is comparable to the M23.

The fact that the Screwty® attachment slips back is also a major advantage of this system. This means that it does not have to be re-applied, as would be the case when using an open ended

wrench. There is also no risk that the screw can loosen when you turn the tool the wrong way since the Screwty® is only capable of exerting force in one direction.

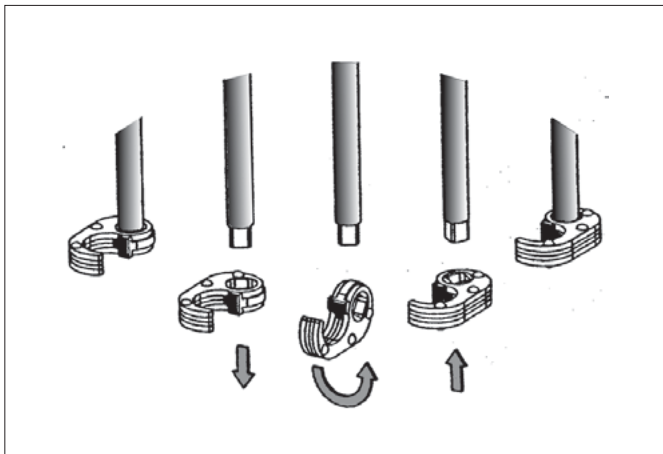
It is also possible to put other tool attachments on the 1/4"-drive. This allows the use of torque spanner wrenches or torque screwdrivers. This is also available without torque for those who cannot fit a torque tool into their budgets.



The Screwty® can also be used to screw on M23 connectors.



The tool does not have to be re applied. During the follow-up it simply slips back.



You can change the function from close to open by simply turning it around.



The Screwty® can also be purchased as a set with other suitable attachments.



### Screwty® torque

- Screw-on circular plug, safety sealed
- Easier work



### Cutting tools

- Cutting shape for various cable sizes
- Cutting without deformation of the conductor



### Sheathing and insulation stripping tools

- No need to adjust cutting depth
- No damage to inner conductors



### Stripping and cutting tool

- Special, self adjusting stripping blades do not damage the conductor



### Screwty®

Bolting tools



### Cutting tools



### Sheathing and insulation stripping tools



### Stripping and cutting tools



### SAI M23 crimping tool



### Identification systems

# Screwty® for M8/M12/M23



## The Torque Screwty®

- Easier work
- Screw on circular plug, safety sealed

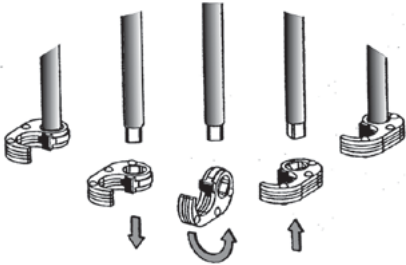
## The perfect tool for all situations

Screwty® is the ideal, universal tool for tightening and releasing cable glands on all common sensor and actuator cables. The Screwty® can also reach those round plugs normally considered inaccessible! No great force is required, simply turn the tool to tighten or release the plug in connector as required.

The Screwty® also fits the majority (more than 90 %) of the cables and plug-in connectors of other suppliers and is therefore a unique tool useful throughout the world. The Screwty® consists of a handle with a conventional 1/4" fitting. This means it can be used for all sizes: for M12 and M8 round plugs, and the M12F and M8F types, also for plugs and sockets on custom cables.

The Screwty® is suitable for the following round plugs:

Size	M8	M8F	M12	M12F
	10 ±0.3 mm	11.9 ±0.3 mm	14.5 ±0.3 mm	19.8 ±0.3 mm
Thread	M8x1	M8x1	M12x1	M12x1



An adjustable torque fitting is also available for the Screwty®, for guaranteeing extra reliability during installation.

The torque can be infinitely adjusted between 0.5 and 1.7 Nm. This accurate setting enables all round plugs to be tightened precisely with a pre set torque.

Weidmüller specifies the following torques for its round plugs:

Size	M8	M8F	M12	M12F	M12 plastic
Torque	0.5-0.6 Nm	0.5-0.6 Nm	0.8-1.2 Nm	0.8-1.2 Nm	0.9-1.1 Nm
Thread	M8x1	M8x1	M12x1	M12x1	M12x1

Simply turn the ratchet to tighten or loosen the cable gland.

The Screwty® can also be fitted with other blades to create a torque screwdriver. You can find these blades in our catalogue "Tools".



Use of a M12 Screwty®

1. Position Screwty®,
2. tighten connector,
3. finished!



Use of a M23 Screwty®

## Screwty® standard



### Ordering data

Type	Use	Qty.	Order No.
Screwty® M12	moulded M12 lines	1	1900000000
Screwty® M8	moulded M8 lines	1	1900010000
Screwty® M12 F	M12 plugs for custom assembly	1	1900020000
Screwty® M8 F	M8 plugs for custom assembly	1	1900030000

## Screwty® Set



### Ordering data

Type	Qty.	Order No.
Screwty® Set	1	1910000000

Type	Contents
Screwty® Set	1 Screwty® standard handle + 1 M12, M8, M12 F, M8 F attachments

## Screwty® attachments



Screwty® M8 attachment    Screwty® M8 F attachment    Screwty® M12 attachment    Screwty® M12 F attachment    Screwty® M23 attachment

### Ordering data

Type	Qty.	Order No.
Screwty® M12 KO o. SD	1	1900100000
Screwty® M8 KO o. SD	1	1900110000
Screwty® M12F KO o. SD	1	1900120000
Screwty® M8F KO o. SD	1	1900130000
Screwty® M23	1	1981560000

#### Legend:

F	for custom assemblies
DM	torque
KO or SD	ratchet only (attachment)
Screwty®	screwdriver
Screwty® DM	torque screwdriver, interchangeable blade
WK	interchangeable blade
LS	power plug

## Screwty® with torque fitting

Setting aid for Screwty® with torque fitting (included)

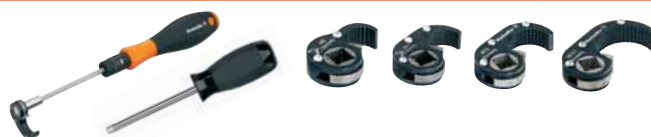


### Ordering data

Type	Use	Qty.	Order No.
Screwty®-M12-DM	moulded M12 lines with torque requirement	1	1900001000
Screwty®-M8-DM	moulded M8 lines with torque requirement	1	1900011000
Screwty®-M12 F-DM	M12 plugs, custom assembly w. torque requirement	1	1900021000
Screwty®-M8 F-DM	M8 plugs, custom assembly with torque requirement	1	1900031000

Fittings	Contents
Screwty®-M12-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 Screwty® M12 attachment
Screwty®-M8-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 Screwty® M18 attachment
Screwty®-M12 F-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 Screwty® M12 F attachment
Screwty®-M8 F-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 Screwty® M18 F attachment

## Screwty® Set-DM



### Ordering data

Type	Qty.	Order No.
Screwty® Set-DM	1	1920000000

Fittings	Contents
Screwty® Set-DM	1 interchangeable blade, 1 torque handle, 1 setting aid for Screwty® torque, 1 each of Screwty® M12, M8, M12 F, M8 F attachments

## Screwty® interchangeable handle/interchangeable bit



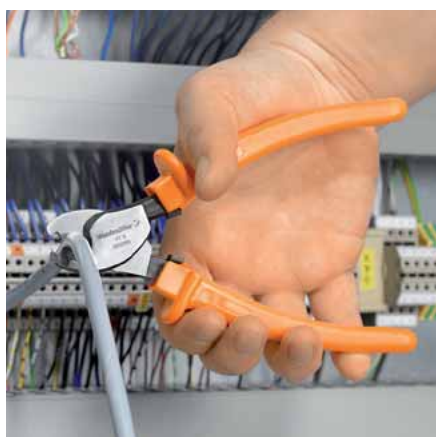
### Ordering data

Type	Use	Qty.	Order No.
1/4" handle		1	4294820000
WK-1/4" (Screwty®)		1	1862200000



### Cutting tools

- Cutting formation for different cable sizes increases the quality of the cuts for smaller cross sections
- Not suitable for steel wires, steel armoured cables, aluminium alloys and hard drawn copper conductors!
- Cutting without deformation of the conductor



### KT 8



-  max. 8 mm
-  max. 16 mm<sup>2</sup>
-  max. 16 mm<sup>2</sup>
-  max. 16 mm<sup>2</sup>

### KT 12



-  max. 12 mm
-  max. 16 mm<sup>2</sup>
-  max. 25 mm<sup>2</sup>
-  max. 35 mm<sup>2</sup>

### Technical data

Max. cutting performance, copper cable	
Solid (max. conductor cross-section)	mm <sup>2</sup> / -
Stranded (max. conductor cross-section)	mm <sup>2</sup> / -
Flexible (max. conductor cross-section)	mm <sup>2</sup> / -
Flexible, stranded (max. conductor diameter)	mm
Max. cutting performance, aluminium cable	
Stranded (max. conductor cross-section)	mm <sup>2</sup> / -
Stranded (max. conductor diameter)	mm
solid	mm <sup>2</sup>
Data / telephone / control cable	
Max. outer diameter	mm
Tool data	
Length / Width / Height	mm
Weight	g
Note	

KT8		
16 / 6		
16 / 6		
16 / 6		
8		
16 / 6		
8		
16		
8		
165 / 65 / 25		
180		
Tool closed		

KT12		
16 / 6		
25 / 3		
35 / 2		
12		
25 / 6		
8		
25		
12		
215 / 66 / 28		
300		
Tool closed		

### Ordering data

Version
Note

Type	Qty	Order No.
KT 8	1	9002650000

Type	Qty	Order No.
KT 12	1	9002660000



### Stripping and cutting tools

- for flexible and solid conductors with PVC insulation
- Cable with double insulation in two processing steps without special adjustment
- Automatic opening of clamping jaws after stripping
- No play in self adjusting cutting unit
- Long-lasting
- No splicing of single conductors
- Optimised ergonomic design
- Stripping length adjustable via stop
- Adjustable for different insulation thicknesses
- Switchable partial stripping function
- Removable handle shells
- Fold-out cutting protection
- Custom marking with ESG device markers

### stripax®

0.08 - 10 mm<sup>2</sup>



- Stripping: PVC insulated flexible conductor, size 0.08...10 mm<sup>2</sup> (~AWG 28...7)
- Cutting: PVC insulated flexible conductor, size 0.08...6 mm<sup>2</sup> (~AWG 28...10)
- Conductors undamaged due to self adjusting stripping blades.
- Processing of multi-conductors, with thin flat ribbon cables and even multiple conductors in one operation



### Technical data

Max. stripping performance	
Cable type	
Conductor cross-section	mm <sup>2</sup>
Stripping length, max.	mm
Cutting performance	
Max. cutting performance	mm <sup>2</sup>
Tool data	
Length	mm
Weight	g
<b>Note</b>	

stripax®		
Flexible and solid conductors with PVC insulation		
0.08...10		
25		
6		
190		
175		
<b>Note</b>		

### Ordering data

Version
<b>Note</b>

Type	Qty.	Order No.
stripax®	1	9005000000
<b>Note</b>		

### Accessories

Type
<b>Note</b>

Type	Qty.	Order No.
Spare stripping blades	1	1119030000
<b>Note</b>		

## Stripping and cutting tools

### multi-stripax®

**Multifunctional stripping tool for use on a multitude of conductor insulation forms and configurations – even those not covered by the standard**

#### multi-stripax® – the troubleshooter

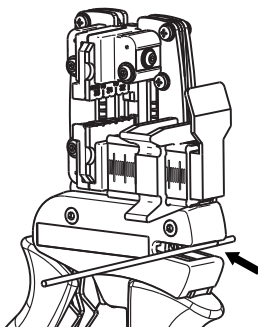
- Interchangeable stripping units
- Proper stripping of any conductor, round, flat or special profiles, thanks to the specially shaped stripping blades
- Incorporates cutting function for up to 2.5 mm<sup>2</sup> solid and 6 mm<sup>2</sup> fine
- Fatigueless operation thanks to ergonomic design
- No damage to conductor or remaining insulation
- Best stripping results for industrial applications
- Stripping results reproduced accurately time and time again
- A long lasting, reliable tool thanks to its robust design
- Plus, the customary Weidmüller repair service

#### Special stripping units – the answer to diverse stripping tasks

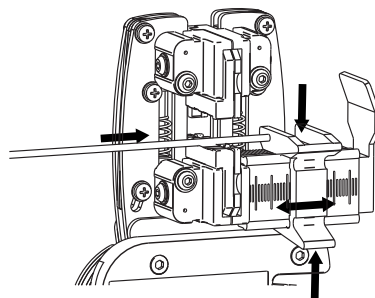
The multi-stripax® tool – distinguished by its robust design, was developed to handle all the stripping tasks met with in practice. Thanks to the interchangeable stripping units, a special solution can be found for every challenge in the marketplace.

The specially shaped stripping blades guarantee perfect stripping results. The guide plates ensure the correct positioning of the wire and therefore prevent damage to the remaining wire. The clamping jaws hold the conductor with just the right force during the stripping operation and are matched to the specific situation. This flexibility within the variables that affect the result of the stripping operation turns the multi-stripax® tool into a universal troubleshooter.

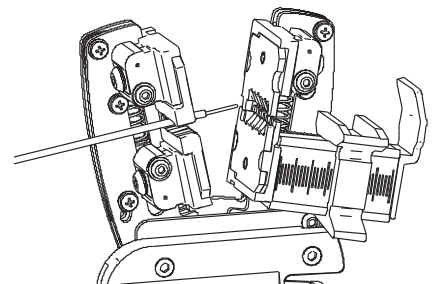
#### Cutting



#### Positioning



#### Stripping



### multi-stripax®

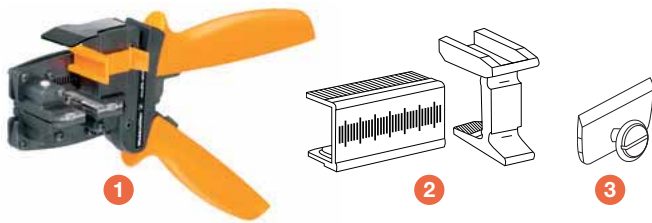


#### Technical data

Cable type	PVC, Teflon, PTE, PUR, silicone, halogen-free
Conductor cross-section, min.	2 mm
Conductor cross-section, max.	no limit (in several steps)
max. cutting capacity, fine-strand	6 mm <sup>2</sup>
max. cutting capacity, solid	2.5 mm <sup>2</sup>
max. cutting capacity, ribbon	10.2 x 4 mm
Length/Width/Height	250 / 85 / 40 mm
Weight	250 g






#### Information

multi-stripax® incl. stripping unit



- High quality stripping for industrial applications
- Specially shaped stripping blades enable stripping of special types of insulation and conductor configurations
- Adjustable stop for setting stripping lengths from 2.3 to 30 mm
- Highly flexible thanks to interchangeable stripping units
- Stripping results reproduced accurately time and time again
- No damage to the conductor or insulation
- A long lasting, reliable tool thanks to its robust design
- Integral cutting function for max. 2.5 mm<sup>2</sup> solid or 6 mm<sup>2</sup> flexible cables

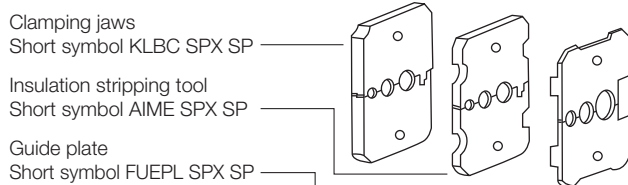
Ordering data

Illustration	Type	Qty.	Order No.	Features
	multi-stripax® 6-16	1	9202210000	PVC-insulated cables; Cable cross-section 6 up to 16 mm <sup>2</sup> ; max. stripping lengths depends on cable design / cable type 1. station solid, stranded and flexible 6 mm <sup>2</sup> 2. station solid, stranded and flexible 10 mm <sup>2</sup> 3. station solid, stranded and flexible 16 mm <sup>2</sup> double stranded (flexible) Cutting function up to 6 mm <sup>2</sup>
	multi-stripax® ASI	1	9202250000	ASI Bus cables 2 x 1.5 mm <sup>2</sup> flexible for PTE, PUR and EPDM insulated cables Stripping of outer insulation and inner cable Cutting function up to 6 mm <sup>2</sup>
	multi-stripax® GKW LW	1	9205760000	Railway cable Radox GKW LW; Cable cross-section 1.0; 1.5 and 2.5 mm <sup>2</sup> max. stripping lengths depends on cable design / cable type Cutting function up to 6 mm <sup>2</sup>
	ERAN multi-stripax®	1	9203100000	Length stop
	ERME multi-stripax®	1	9203070000	Cutting knife

Information

Stripping units for multi-stripax®

Stripping unit consists of:



- High flexible thanks to interchangeable stripping units
- High quality stripping for industrial applications
- Specially shaped stripping blades enable stripping of special types of insulation and conductor configurations

Ordering data

Type	Qty.	Order No.	Features
AIE multi-stripax® 6-16	1	9202260000	PVC-insulated cables; Cable cross-section 6 up to 16 mm <sup>2</sup> ; max. stripping lengths depends on cable design / cable type 1. station solid, stranded and flexible 6 mm <sup>2</sup> 2. station solid, stranded and flexible 10 mm <sup>2</sup> 3. station solid, stranded and flexible 16 mm <sup>2</sup> double stranded (flexible)
AIE multi-stripax® ASI	1	9202300000	ASI Bus cables 2 x 1.5 mm <sup>2</sup> flexible for PTE, PUR and EPDM insulated cables Stripping of outer insulation and inner cable
AIE multi-stripax® GKW LW	1	9205770000	Railway cable Radox GKW LW; Cable cross-section 1.0; 1.5 and 2.5 mm <sup>2</sup> max. stripping lengths depends on cable design / cable type

## M23 crimping tools

## SAI M23 crimping tool 1

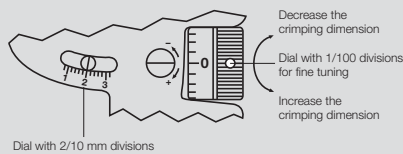
n

**Adjusting the crimping dimensions**

The adjustment mechanism is used to set the crimping depth of the crimping mandrel as described below. The adjusting dial is used to prepare the feed; the dial can be turned clockwise (for decreasing the dimension) or counter-clockwise (for increasing the dimension).

**Adjustment precision**

- 1 division mark on the dial  $\cong$  1/100 mm adjustment
- 1 complete revolution of the dial  $\cong$  0,2 mm adjustment read from scale
- 5 revolutions of the dial  $\cong$  1 mm adjustment read from scale

**Verifying the crimping dimension**

The four-mandrel crimping tool is pre-set at the factory. The actual crimping size should still be checked periodically. It should be checked using the plug gauge ( $\varnothing$  2.0 mm) that is included with the crimping tool as described below. Use the dial on the stationary tool shank to set the size to 2.0 mm on the scale. Set to the zero-point tick mark on the dial and close the tool. (Refer to the diagram showing the crimping size adjustment.) At this setting, it should be possible to move the 2.00-mm- $\varnothing$  plug gauge without any play or extra room. If this is not possible, then the size deviation (+/-) can be determined using the dial's fine-adjustment mechanism. If this size check reveals that the tool is not within the tolerance range specified by the manufacturer of the contacts, then you should contact the manufacture of the tool for further inspection.

**Servicing and maintenance**

Before you start to use the hand crimping tool, it must be clean and in proper working condition. Crimp residue or fragments must be removed from the crimping jaws and locator. The joints should be regularly lubricated using machine oil to protect them from dirt. Make sure that all bolts are secured with locking rings.

**Technical data**

Crimp contact	Wire cross-section (mm <sup>2</sup> )	Crimping mandrel adjustment	Locator position	Order No.
Crimp male, signal 1 mm	0.14	0.75	11	1170150000
	0.25	0.82		
	0.34	0.90		
	0.50	1.00		
	0.75	1.08		
	1.00	1.20		
Crimp female, signal 1 mm (0.08 - 0.56 mm <sup>2</sup> )	0.14	0.75	12	1995860000
	0.25	0.80		
	0.35	0.87		
	0.50	0.97		
Crimp female, signal 1 mm (0.34 - 1.00 mm <sup>2</sup> )	0.50	0.95	12	1170180000
	0.75	4.00		
	1.00	1.05		
Crimp male, signal 1.5 mm	0.14	0.75	3	1170220000
	0.25	0.82		
	0.35	0.90		
	0.50	0.96		
	0.75	1.03		
	1.00	1.00		
Crimp female, signal 1.5 mm	0.14	0.75	4	1170230000
	0.25	0.80		
	0.35	0.87		
	0.50	0.97		
Crimp female, signal 1.5 mm (0.34 - 1.00 mm <sup>2</sup> )	0.50	0.95	4	1170240000
	0.75	1.00		
	1.00	1.05		
Crimp male, signal 2 mm	0.75	1.30	5	1170250000
	1.00	1.40		
	1.50	1.55		
	2.50	1.75		
Crimp female, signal 2 mm	0.75	1.30	6	1170260000
	1.00	1.40		
	1.50	1.55		
	2.50	1.75		
Crimp male, power 1 mm	0.14	0.75	1	1170390000
	0.25	0.80		
	0.35	0.85		
	0.50	1.03		
	0.75	1.08		
	1.00	1.13		
Crimp female, power 1 mm	0.14	0.75	2	1995830000
	0.25	0.80		
	0.35	0.85		
	0.50	0.89		
	0.75	0.95		
	1.00	1.02		
Crimp male, power 2 mm	0.75	1.20	7	1170400000
	1.00	1.40		
	1.50	1.55		
	2.50	1.70		
Crimp male, power 2 mm	2.50	1.47	7	1170410000
	4.00	1.60		
Crimp female, power 2 mm	0.75	1.20	8	1995820000
	1.00	1.40		
	1.50	1.55		
	2.50	1.70		
Crimp female, power 2 mm	2.50	1.47	8	1170420000
	4.00	1.60		

**Ordering data**

Type	Order No.
SAI M23 CRIMPING TOOL 1	1203840000

**Operation mode**

The following table specifies the locator positions and the crimping dimensions for various crimping contacts. The contact is inserted through the tool into the locator; this ensures the proper crimping position. The inserted contact is secured by closing gently (approximately to first snap-close level). Now the cable can be easily inserted and it is not possible for the contact to fall out. The tool must be pressed together until it reaches the end stop position in order to function properly. They are then able to open automatically which brings the crimping process to a close in the intended manner.

**SAI M23 crimping tool 2**



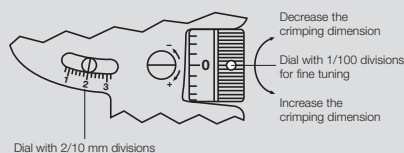
**Adjusting the crimping dimensions**

The adjustment mechanism is used to set the crimping depth of the crimping mandrel as described below. The adjusting dial is used to prepare the infeed; the dial can be turned clockwise (for decreasing the dimension) or counter-clockwise (for increasing the dimension).

**Adjustment precision**

- 1 division mark on the dial  $\cong$  1/100 mm adjustment
- 1 complete revolution of the dial  $\cong$  0,2 mm adjustment read from scale
- 5 revolutions of the dial  $\cong$  1 mm adjustment read from scale

**Verifying the crimping dimension**



The four-mandrel crimping tool is pre-set at the factory. The actual crimping size should still be checked periodically. It should be checked using the plug gauge ( $\varnothing$  1.0 mm) that is included with the crimping tool as described below. Use the dial on the stationary tool shank to set the size to 1.0 mm on the scale. Set to the zero-point tick mark on the dial and close the tool. (Refer to the diagram showing the crimping size adjustment.) At this setting, it should be possible to move the 1.00-mm- $\varnothing$  plug gauge without any play or extra room. If this is not possible, then the size deviation (+/-) can be determined using the dial's fine-adjustment mechanism. If this size check reveals that the tool is not within the tolerance range specified by the manufacturer of the contacts, then you should contact the manufacture of the tool for further inspection.

**Servicing and maintenance**

Before you start to use the hand crimping tool, it must be clean and in proper working condition. Crimp residue or fragments must be removed from the crimping jaws and locator. The joints should be regularly lubricated using machine oil to protect them from dirt. Make sure that all bolts are secured with locking rings.

**Technical data**

Crimp contact	Wire cross-section (mm <sup>2</sup> )	Crimping mandrel adjustment	Locator position	Order No.			
Crimp male 1 mm	0.14	0.86	1	1170150000			
	0.25	0.90					
	0.34	0.95					
	0.56	0.98					
	0.75	1.03					
	1.00	1.08					
Crimp female 1 mm (0.08-0.56 mm <sup>2</sup> )	0.08	0.75	2	1995860000			
	0.14	0.78					
	0.25	0.82					
	0.34	0.86					
	0.56	0.90					
	0.34	0.77			2	1170180000	
0.56	0.82						
0.75	0.88						
1.00	0.95						
Crimp female 1 mm (0.34-1.00 mm <sup>2</sup> )	0.34	0.77	2	1170180000			
	0.56	0.82					
	0.75	0.88					
	1.00	0.95					
	Crimp male 1.5 mm	0.14			0.65	3	1170220000
		0.25			0.68		
0.34		0.72					
0.56		0.81					
0.75		0.95					
1.00		1.07					
Crimp female 1.5 mm (0.14-0.75 mm <sup>2</sup> )	0.14	0.70		1170230000			
	0.25	0.73					
	0.34	0.77					
	0.56	0.85					
	0.75	1.05					
Crimp female 1.5 mm (0.34-1.00 mm <sup>2</sup> )	0.34	0.88		1170240000			
	0.56	0.95					
	0.75	1.05					
	1.00	1.13					
Crimp male 2.0 mm	0.75	1.20		1170250000			
	1.00	1.35					
	1.50	1.45					
	2.50	1.60					
Crimp female 2.0 mm	0.75	1.25		1170260000			
	1.00	1.35					
	1.50	1.45					
	2.50	1.60					

**Ordering data**

Type	Order No.
SAI M23 CRIMPING TOOL 2	1203960000

# SlimFix Clip

The SlimFix Clip combines two advantages in one: its unique closure mechanism offers the reliability of a closed marker with ease of attaching an open marker. The Clip closure mechanism also allows quick, no fuss attachment of the markers after the wires have been installed. SlimFix Clip markers are suitable for wires and cables with external diameters up to 5 mm. Long sequences of characters are possible on the large marking surface – up to 30 mm.


- Halogen free, flammability class V2 material
- Narrow markers with reliable attachment thanks to compensation feature
- Clip closure mechanism ensures permanent attachment following wire installation
- Rapid attachment without tools
- Three sizes for wire cross-sections from 0.5 – 10.0 mm<sup>2</sup>
- Available in lengths of 12, 21 and 30 mm
- Markers available in the proven MultiCard format
- Additional marking surface for precise assignment to projects
- Custom-printed markers supplied to your specifications



## Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C
Printing	black

## Ordering data

Type	Wire, ext. ø	Wire cross-section
SFC 0	1.5 - 2.5 mm	0.5 - 1.0 mm <sup>2</sup>
SFC 1	2.0 - 3.5 mm	0.75 - 2.5 mm <sup>2</sup>
SFC 2	2.5 - 5.0 mm	2.5 - 4.0 mm <sup>2</sup>
SFC 2,5 	4.0 - 6.0 mm	4.0 - 10.0 mm <sup>2</sup>
Colour	Other colours on request	

- brown
- orange
- green
- violet
- grey

Special printing Specify special printing and colours per diskette, Excel file or using the M-Print® PRO software.

Minimum order quantity 1 pack

**Note:** SlimFix Clip markers can be printed with PrintJet.



## SFC - blank

### Technical specification

Material	Polyamide
UL 94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C

## Ordering data

Type	Length	Qty.	Order No. white	Order No. yellow	Order No. blue	Order No. red	Custom printing
SFC 0/12	12	200	1813130000	1813160000	1813170000	1813150000	
SFC 1/12	12	200	1747320001	1747320004	1747320002	1747320003	
SFC 2/12	12	120	1758320001	1758320004	1758320002	1758320003	
SFC 2,5/12	12	120	1062000000	1062010000	1062030000	1062020000	1062040000
SFC 0/21	21	200	1813190000	1813210000	1813220000	1813200000	
SFC 1/21	21	200	1779080001	1779080004	1779080002	1779080003	
SFC 2/21	21	120	1805810000	1805780000	1805770000	1805790000	
SFC 2,5/21	21	120	1062050000	1062070000	1062090000	1062080000	1062110000
SFC 0/30	30	150	1813240000	1813260000	1813270000	1813250000	
SFC 1/30	30	150	1805760000	1805730000	1805720000	1805740000	
SFC 2/30	30	90	1805870000	1805830000	1805820000	1805850000	

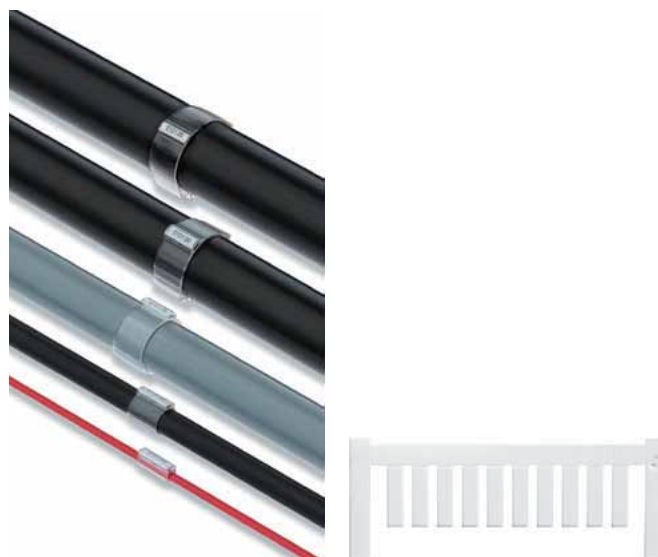
# Marker tags for sensor cables

## Sleeves for marking sensor cables

To enable unique marking of sensor/actuator cables, these can be identified with a marker tag. Each cable has a sleeve that accepts a marker tag TM-I 18. Cables open at one end have one sleeve, connecting cables have two marker sleeves. The TM-I 18 is available in various colours.

### Ordering data

Type Sleeve	Colour	Order No.
TM 203/18 VO	transparent	1798480000
TM 4/18 HF/HB	transparent	1719850000
Marker		
TM-I 18 NEUTRAL WS	white	1718431044
TM-I 18 NEUTRAL GE	yellow	1718431687



## The Weidmüller PrintJet marking system prints marker tags quickly, reliably and individually.

The **PrintJet PRO** inkjet printer prints markers for electric connectivity. These markers can be used for clear equipment identification on devices, cables and connectors. The labelling makes servicing, maintenance and troubleshooting much easier. Water-based ink is used for the spot colour printing. The print is crystal clear and resistant to environmental influences. The **PrintJet PRO** prints plastic markers in **MultiCard** format.

In combination with the user-friendly **M-Print® PRO** software and the attached loader, the printer becomes an essential part of the production. The inkjet process being used, the subsequent fusing, as well as the printer cartridge and ink have all been specially adapted by Weidmüller for industrial use. The printer has excellent long-term use capabilities, thanks to its integrated loader.

### Ordering data

### PrintJet PRO

Type		Order No.
PrintJet PRO 115V		1024050000
PrintJet PRO 230V		1001180001
Accessories		
PJ PRO TNTK INK SET COL	Ink tank starter set, colour	1027110000
PJ PRO TNTK INK K	● Ink tank Black	1027040000
PJ PRO TNTK INK C	● Ink tank Cyan	1027050000
PJ PRO TNTK INK M	● Ink tank Magenta	1027060000
PJ PRO TNTK INK Y	● Ink tank Yellow	1027070000
PJ PRO TNAW	Ink collecting tray	1024140000



# Marker tags for distributors

Marker tags can be affixed to distributors to ensure unique identification. For marking of our standard M12 products, ESG 9/20 tags are used, M8 and M5 distributors can be labelled with WS 10/5 and DEK 5 markers. For labelling metal distributors, self-adhesive ESG 9/17 must be used.

In the case of the SAI Active family, we differentiate between SAI Active Universal and SAI Active Line. For labelling of Active Universal, we offer ESG 8/13.5/43.3 SAI AU. For labelling of Active Line, the ESG 9/6 is used.

All of these markers are available in MultiCard format and can therefore also be printed using our innovative PrintJet PRO marking solutions.

## DEK for marking of M8 and M5 distributors



### DEK – Blank

Type	Colour	Width/Length	Qty.	Order No.
DEK 5/5 MC	white	5 mm/5 mm	1000	1609801044

### DEK – Custom printing

Type	Colour	Width/Length	Qty.	Order No.
DEK 5/5 MC	white	5 mm/5 mm	200	1609810000

## WS for marking of M8 and M5 distributors



### WS – Blank

Type	Colour	Width/Length	Qty.	Order No.
WS 10/5 MC	white	5 mm/10 mm	720	1635000000
WS 15/5 MC	white	5 mm/15 mm	480	1609880000

### WS – Custom printing

Type	Colour	Width/Length	Qty.	Order No.
WS 10/5 MC	white	5 mm/10 mm	144	1635010000
WS 15/5 MC	white	5 mm/15 mm	96	1609890000

## ESG for marking of M12 Universal distributors



### Ordering data

Type	Colour	Width/Length	Qty.	Order No.
ESG 9/20 MC NEUTRAL WS	white	20 mm/9 mm	200	1609940000

## ESG for marking of M12 Universal distributors



### Ordering data

Type	Colour	Width/Length	Qty.	Order No.
ESG 8/13.5/43.3 SAI AU	transparent	13,5 mm/43,3 mm/8 mm	5	1912130000