

SCHÜTZINGER

Specials

Meet the people who make connections happen!
Since 1951

75 years



Automotive

SET 7461

SET 7471

SET 8140

5.000 V

HSPL 8568

HSEB 3125 L

Test probes and leads

PRUEF 9540

PL 9696

SET SPS 2040

Quick-release terminals

ESD 6554

SKS 8220

4 mm

POL 8760 L

4 mm Safety

SAK 9230

SET SEBV 9050

SFK 8500 S

SKURZ 6100

SWEB 8094

BENEFITS

- Bend protection for leads up to 8 mm Ø
- OBD connector with housing for additional electronics or direct wiring
- establishing a lead for connection to the OBD II socket in the vehicle interior
- Extension leads can be manufactured in combination with SET 7461

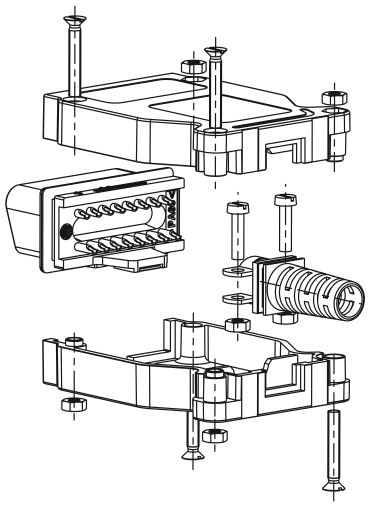
SET 7461 OBD II

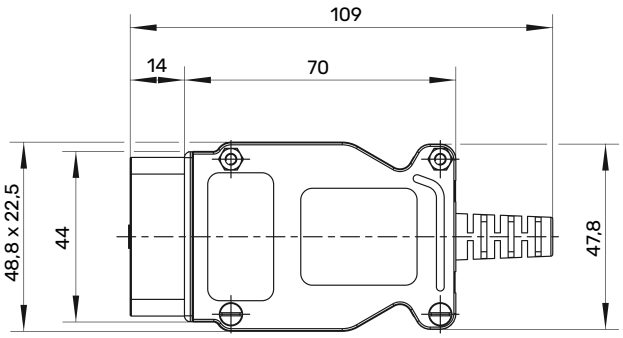
Set with OBD connector

Automotive | 24 V | 10 A

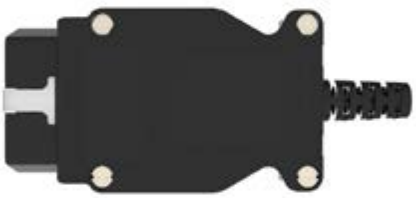
The components are used for the manufacture of a lead for onnecting to the OBD II socket in the vehicle interior

- set with housing made of PA6 reinforced with glass beads or glass fibres, OBD II connector and bend relief for cables up to Ø 8 mm
- OBD connector 24 V with solder pins
- with rectangle pins 1.6 x 0.82
- with solder terminal for wire strand up to Ø 1.3 mm
- for a professional application of our products, the safety instruc tions in our catalogue must be observed









General information

Order No. [1] (glass beads)	**SET 7461 / OBD II/ 24V / GB / 8 / SW**
Order No. [1] (glass fibres)	**SET 7461 / OBD II/ 24V / GF / 8 / SW**
colours	black
contact parts	**gold-plated**
housing (glass beads)	PA 6 reinforced with glass beads UL-94 HB
housing (glass fibres)	PA 6 reinforced with glass fibres, UL-94 V0

Technical data

cable	Ø 8 mm
transition resistance	0 mΩ
rated voltage [2]	24 V
rated current [2]	10 A
mating cycles	5000
operating temperatures	from -40 °C to +85 °C

[2] other contact platings and colours on request
[2] normal ambient temperatures

date:29.05.2026

BENEFITS

- Bend protection for leads up to 11 mm Ø
- OBD connector with housing for additional electronics or direct wiring
- establishing a lead for connection to the OBD II socket in the vehicle interior

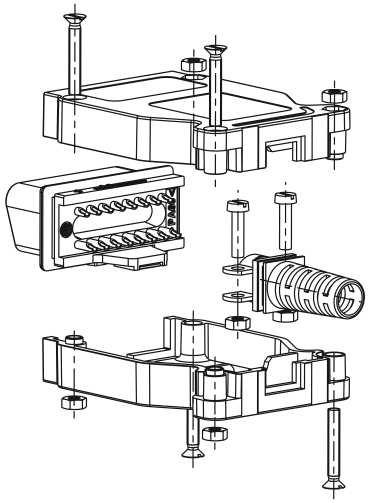
SET 7471 OBD II

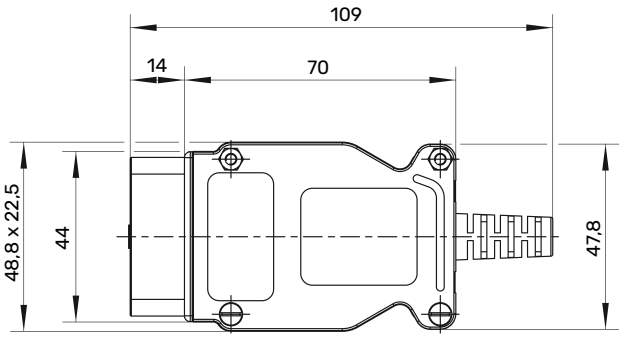
Set with OBD connector

Automotive | 24 V | 10 A

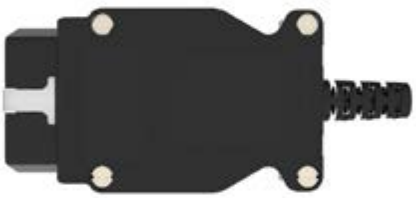
The components are used for the manufacture of a lead for onnecting to the OBD II socket in the vehicle interior

- set with housing made of PA6 reinforced with **glass beads and glass fibres**, OBD II connector and bend relief for cables up to Ø 11 mm
- OBD connector 24 V with solder pins
- with rectangle pins 1.6 x 0.82
- with solder terminal for wire strand up to Ø 1.3 mm
- for a professional application of our products, the safety instructions in our catalogue must be observed









General information

Order No. [1] (glass beads)	**SET 7471 / OBD II/ 24V / GB /11 / SW**
Order No. [1] (glass fibres)	**SET 7471 / OBD II / 24V / GF / 11 / SW**
colours	black
contact parts	**gold plated**
housing (glass beads)	PA 6 reinforced with glass beads, UL94-HB
housing (glass fibres)	PA 6 reinforced with glass fibres, UL94-V0

Technical Data

cable	Ø 11 mm
transition resistance	0 mΩ
rated voltage [2]	24 V
rated current [2]	10 A
mating cycles	5000
operating temperatures	from -40 °C to +85 °C

[1] other contact platings and colours on request
[2] at normal ambient temperatures

date:29.05.2026

BENEFITS

- OBD connector with housing for additional electronics or direct wiring
- establishing a lead for connection to the OBD II socket in the vehicle interior
- Extension leads can be manufactured in combination with SET 7461

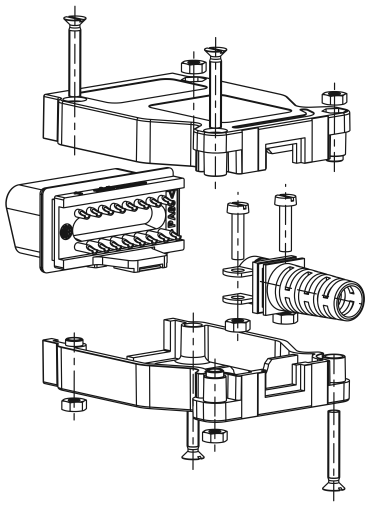
SET 8140 OBDBU II

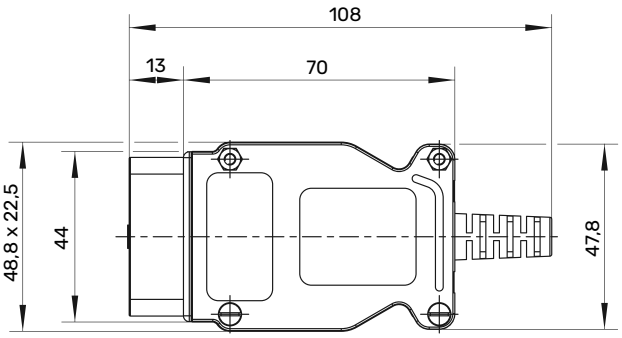
Set with OBD connector

Automotive | 24 V | 10 A

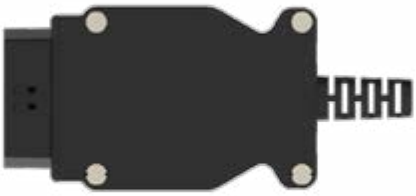
The components are used for the manufacture of a lead for onnecting to the OBD II socket in the vehicle interior

- set with housing made of PA6 reinforced with **glass beads and glass fibres**, OBD II connector and bend relief for cables up to Ø 8 mm
- OBD connector 24 V with solder pins
- with solder terminal for wire strand up to Ø 1.3 mm
- for a professional application of our products, the safety instructions in our catalogue must be observed









General information

Order No [1] (glass beads)	**SET 8140 /OBDBU II / 24V /GB / 8/SW**
Order No. [1] (glass fibres)	**SET 8140 /OBDBU II / 24V /GF / 8/SW**
colours	black
contact parts	**gold-plated**
housing (glass beads)	PA 6 reinforced with glass beads, UL94 –HB
housing (glass fibres)	PA 6 reinforced with glass fibres, UL94 –V0

Technical data

cable	Ø 8 mm
transition resistance	0 mΩ
rated voltage [2]	24 V
rated current [2]	10 A
operating temperature	from -40 °C to +85 °C

[1] other contact platings and colours on request
[2] at normal ambient temperatures

date:29.05.2026

BENEFITS

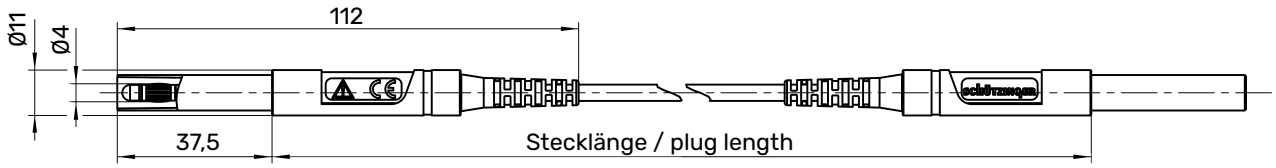
- high voltage test lead up to 6.000 $V_{AC/DC}$
- highly flexible, double-insulated silicone cable AWG16
- for our High voltage safety threaded socket HSEB 3125 L

HSPL 8568

High voltage safety test lead

Ø 4 mm safety | 1.500 V CAT IV | max. 6000 V | 16 A

- 2 high voltage safety lamella-basket plugs, assembled on highly flexible, double-insulated silicone cable AWG16
- plugged length = cable length
- for our high voltage safety threaded socket HSEB 3125 L Ni / ..(colour)





WH 023

General information

Order No. [1]	**HSPL 8568 / AWG16/...(length)/...(colour)**
colours	black, red, blue, yellow, green
contact parts	nickel-plated
sleeves	PA 6.6 (UL94-V2)
lengths	25 cm, 50 cm, 100 cm, 150 cm, 200cm

Technische Daten

cable	AWG16 Silikon-doppelt-isoliert
transition resistance [4]	5 mΩ / 9 mΩ / 17 mΩ / 25 mΩ / 35 mΩ
rated voltage [2]	1.500 V CAT IV, max. 6.000 V
rated current [2]	16 A
operating temperature	from -10 °C to +90 °C

[1] other contact platings, colours, lengths and wire cross-sections on request
[2] at normal ambient temperatures
[4] depending on cable length

date: 09.09.2026

BENEFITS

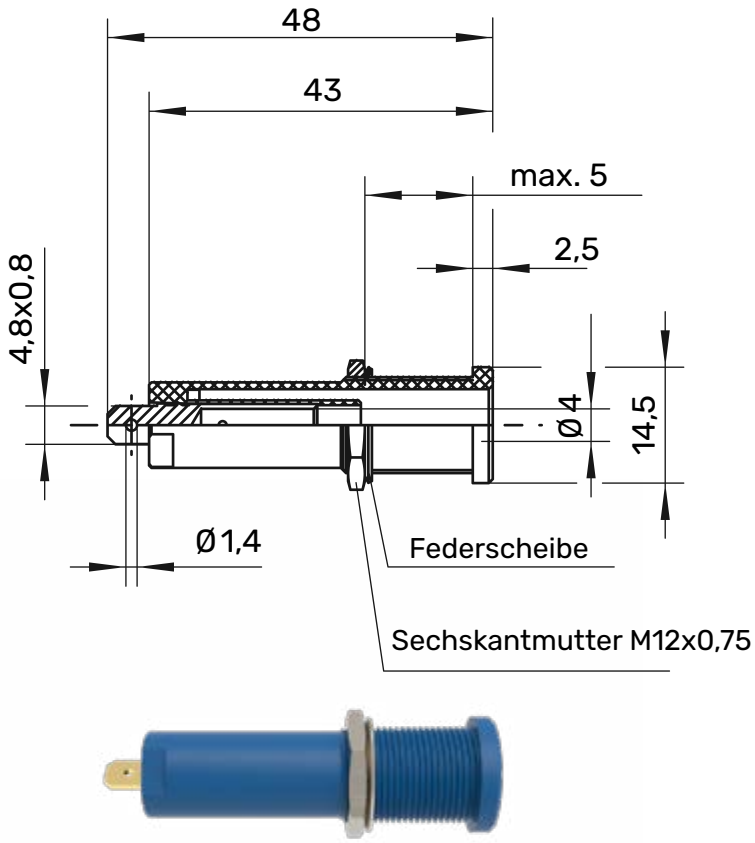
- for fixture in panels up to 5 mm thick at max. 5.000 V
- for our High-voltage safety test lead HSPL 8568

HSEB 3125 L

High voltage safety threaded socket

Ø 4mm Sicherheit | 1.000 V CAT IV | 16 A

- for fixture in panels up to 5 mm thick at max. 5.000 V
- fixed by: hexagon nut M12 x 0.75 and spring washer
- hole Ø 12.2+0.1 mm
- fixture using special tools MWZ 8 and open-end spanner SW14
- fits to our high voltage safety test lead HSPL 8568 / AWG 16 / ..(length) / ..(colour)
- fastening nut (hexagon nut)M12 x 0.75



WH 042

MA 001

General information

Order No. [1]	**HSEB 3125 L Ni | Au / ..(colour)**
colour	black, red, blue, yellow, green
contact parts	nickel-plated | gold-plated
Griffhülsen	PA6.6 (UL94-V2)

Technical data

terminal	FR 4.8 mm x 0.8 mm or solder
transition resistance [4]	5 mΩ (Ni) | 3 mΩ (Au)
rated voltage [2][9]	1.000 V CAT IV, max. 5000 V
rated current [2]	16 A
operating temperature	from -25 °C to +80 °C
max. torque	45 Ncm
hexagon nut	

[1] other contact platings, colours and terminals on request
[2] at normal ambient temperatures
[4] depending on contact plating
[9] output voltage (AC resp. DC) of test instruments. Depending on appliance of the socket (see drawing)

date: 24.02.2026

BENEFITS

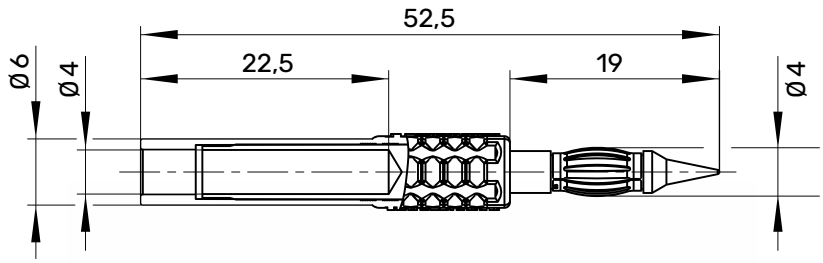
- space-saving test probe
- with spring-loaded plug and 4 mm connection for safety test leads in straight and angled versions

PRUEF 9540

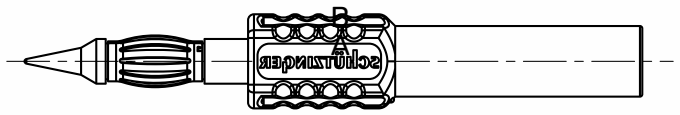
Test probe

Ø 4 mm | 30 V_{AC} / 60 V_{DC} | 3 A | 32 A

- with inline socket
- socket Ø 4 mm
- with Ø 4 mm lamella basket







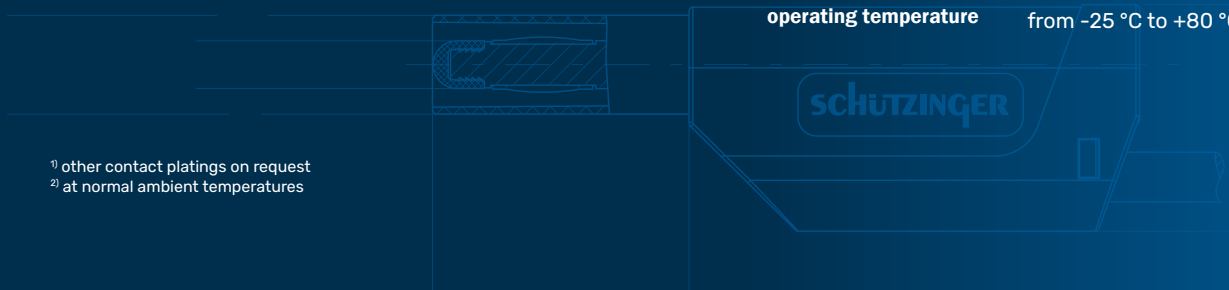


General information

Order No.. [1]	**PRUEF 9540 Ni /... (colour)**
colours	black, red
contact parts	nickel-plated

Technical data

terminal	Ø 4 mm socket
transition resistance	3 mΩ
rated voltage	30 V_{AC} / 60 V_{DC}
rated current A [2]	3 A
rated current B [2]	32 A
operating temperature	from -25 °C to +80 °C



[1] other contact platings on request
[2] at normal ambient temperatures

date: 14.09.2026

BENEFITS

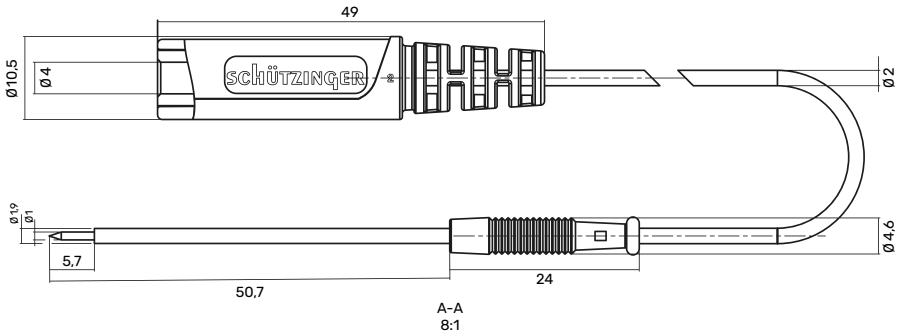
- with thin tip for measuring in hard-to-reach places

PL 9696

test lead

Ø 4mm | 30 V_{AC} / 60 V_{DC} | 5 A

- with 0,5 mm² PVC lead
- with thin tip for measuring in hard-to-reach places





General Information

Order No. [1]	**PL 9696 Ni / .. (length) / ..(colour)**
colours	red, blue
contact parts	brass nickle-plated
contact tip	stainless steel
length	15 cm

Technical data

cable	PVC 0,5 mm²
terminal	coupler Ø4 mm
rated voltage [2]	30 V_{AC} / 60 V_{DC}
rated current [2]	5 A
operating temperature	from -25 °C to +80 °C



[2] at normal ambient temperatures

date: 19.10.2026

BENEFITS

- supplied as a set with exchangeable inserts
- inserts can be reordered individually, which gives customers flexibility in handling and also makes reordering costeffective (service life)

Sicherheits-Prüfspitzen Set

Best.-Nr. SET SPS 2040 /..(Farbe)
- **Farben** siehe Tabelle

SPS 2381 Ni /..(Farbe)
- Sicherheits-Prüfspitze mit axialer Sicherheitsbuchse Ø 4 mm und austauschbaren Einsätzen

SSK 2002 /..(Farbe)
- zum Schutz der Messspitze
- mit integriertem IC-Tastkopf für 2,54-mm-Raster (DIL) zur Verwendung mit der 5 mm gefederten Stahlspitze (PRUEF 2013 Ni)
- kann zum Ein- und Ausschrauben der Prüfspitzeneinsätze verwendet werden

PRUEF 2013 Ni
- Prüfspitzeneinsatz, beidseitig nutzbar, mit 5 mm gefederter Stahlspitze und feststehender Stahlspitze Ø 4 mm

PRUEF 2015 Ni
- Prüfspitzeneinsatz, einseitig nutzbar, mit Ø 2,4 mm Federkorbstecker

PRUEF 2017 Ni
- Prüfspitzeneinsatz, einseitig nutzbar, mit Ø 2 mm Federkorbstecker

PRUEF 6733 Ni
- Prüfspitzeneinsatz, einseitig nutzbar, mit feststehender, gehärteter Stahlspitze Ø 2 mm und Rille

Weitere technische Daten finden sich in den einzelnen Produktdatenblättern.

CE

Safety test probe set

Order No. SET SPS 2040 /..*(colour)*
- ***colours*** *see table*

SPS 2381 Ni /..*(colour)*
- *safety test probe with inline safety socket Ø 4 mm and interchangeable probe insets*

SSK 2002 /..*(colour)*
- *protection for the contact tip*
- *for IC with 2.54 mm raster (DIL) to be used with the 5 mm spring-loaded steel tip (PRUEF 2013 Ni)*
- *suitable to screw probe insets into and out of place*

PRUEF 2013 Ni
- *probe inset, each end can be used individually, with 5 mm spring loaded steel tip and a rigid steel tip Ø 4 mm*

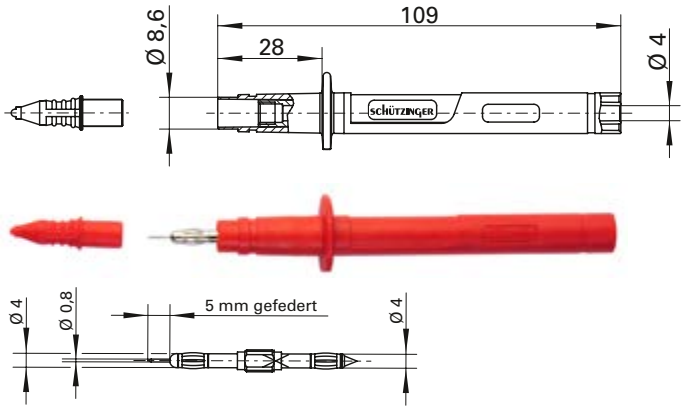
PRUEF 2015 Ni
- *probe inset, single-ended with a Ø 2.4 mm lamella-basket plug*

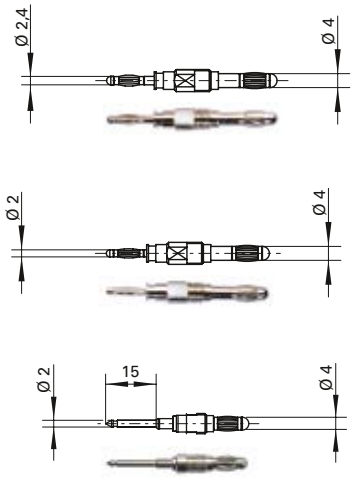
PRUEF 2017 Ni
- *probe inset, single-ended with a Ø 2 mm lamella-basket plug*

PRUEF 6733 Ni
- *probe inset, single-ended with a rigid, hardened steel tip Ø 2 mm and furrow*

Please see product data sheets for further technical details.

CE





SET SPS 2040 /..(Farbe) **besteht aus:**	
Teilebezeichnung	**Stückzahl und Farbe**
SPS 2381 Ni /..(Farbe)	1x
SSK 2002 /..(Farbe)	1x
PRUEF 2013 Ni (eingeschraubt in SPS 2381)	1x
PRUEF 2015 Ni	1x
PRUEF 2017 Ni	1x
PRUEF 6733 Ni	1x
Farben	schwarz, rot, blau
Best.-Nr. [1)]	**SET SPS 2040 /..**(Farbe)

[1)] andere Kontaktoberflächen und Farben auf Anfrage

SET SPS 2040*/..(colour)* ***includes:***	
Part description	***Quantity and colour***
SPS 2381 Ni /..*(Farbe)*	*1x*
SSK 2002 /..*(Farbe)*	*1x*
PRUEF 2013 Ni *(screwed in SPS 2381)*	*1x*
PRUEF 2015 Ni	*1x*
PRUEF 2017 Ni	*1x*
PRUEF 6733 Ni	*1x*
colours	*black, red, blue*
Order No.[1)]	***SET SPS 2040 /..****(Farbe)*

[1)] *other contact platings and colours on request*

BENEFITS

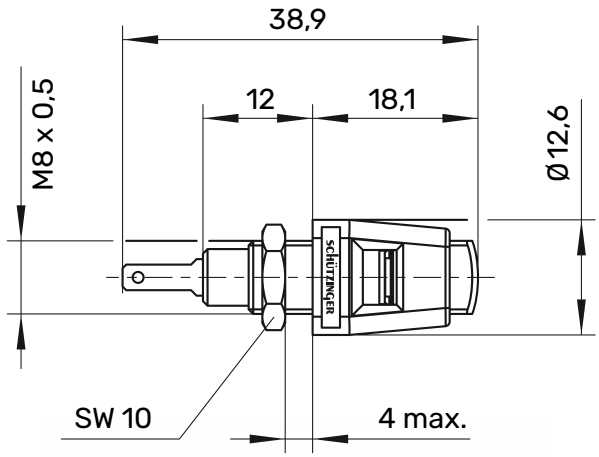
- tool-free terminal
- safe and secure contact
- simple disconnection of the contact
- snug contact thanks to inlaid gills
- different colours for the push button for safe differentiation of the conductors (also available in colour orange)

ESD 6554

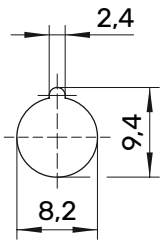
Quick-release terminal

Ø 4mm | 30 V_{AC} / 60 V_{DC} | 5 A

- fully insulated for metal panels



Montagebohrung/hole





General information

Order No. [1]	**ESD 6554 / ..(colour)**
colours	black, red, blue, yellow, green, grey, brown, white, orange, green-yellow
contact parts	nickel-plated
insulation	PA 6.6 (UL94-V2)

Technical data

terminal	FSH 2,8 x 0,5 oder Löten
transition resistance	5 mΩ
rated voltage [2]	30 V_{AC} / 60 V_{DC}
rated current [2]	5 A
operating temperature	von -25 °C bis +90 ° C
panel thickness	0,8 mm-4 mm
insertion window	6 mm x 3,7 mm
tab	2,8 mm x 0,5 mm
spring force	12 N
max. torque	30 Ncm
fastening nut	

[1] other colours, terminals and springs on request
[2] at normal ambient temperatures

Stand: 28.04.2026

BENEFITS

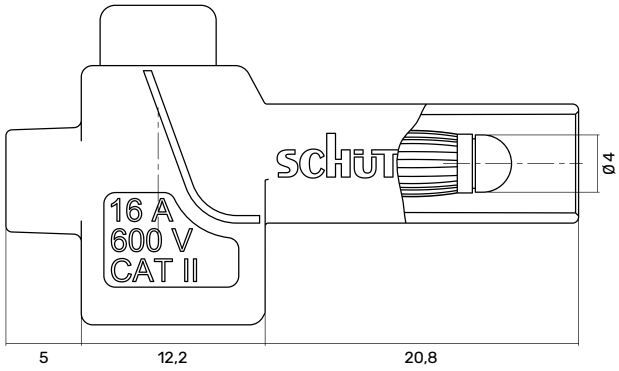
- Coming soon: 05/ 2027
- Safety terminal for connecting open cable ends for testing, measurement or functional testing

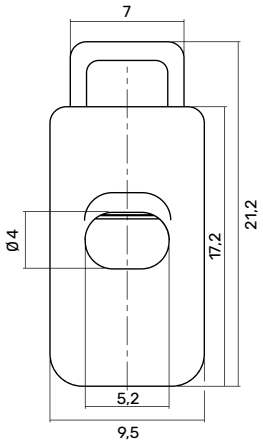
SKS 8220

Safety-Clip-on Plug

Ø 4mm Safety | 600 V CAT II | 16 A

- Safety terminal for connecting open cable ends for testing, measurement, or functional testing
- Suitable for rigid and flexible cables







General Information

Order No.[1]	**SKS 8220 Ni / ..(colour)**
colours	black, red
contact parts	nickel-plated

Technical data

terminal	Ø4 mm Safety- Clip-on Plug
rated current [2]	600 V CAT II
rated voltage [2]	16 A
operating temperature	from -25 °C to +90 °C



[1] other colours and terminals on request
[2] at normal ambient temperatures

When installing this terminal connector, the connection must be de-energized, or the basic safety rules for working on live circuits must be followed.

date: 19.10.2026

BENEFITS

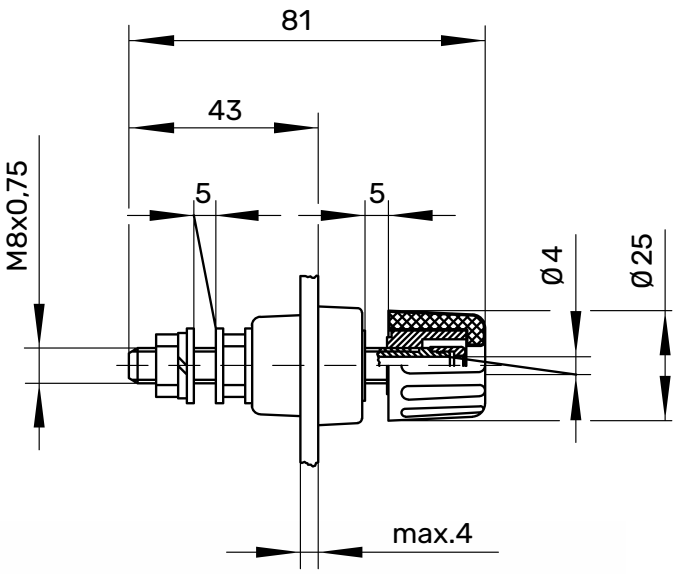
- space-saving pole terminal for 100 A applications
- for very tight spaces, the enclosed mounting key provides an absolutely firm/ secure connection

POL 8760 L

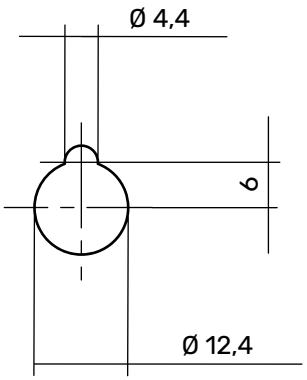
Terminal post

Ø 4 mm | 1000 V | 100 A

- with unscrewable toggle head
- max. conducting wall thickness 4 mm
- mounting auxiliary tool: special tool MWZ 8760 / POL
- Plug-in option for a 4 mm plug



Montagebohrung / hole:





WH 040

General information

Order No. [1]	**POL 8760 L/ ...(colour)**
colours	black, red
contact parts	**brass**
insulation	polycarbonate

Technical data

terminal	M8 x 0.75, solder lug, cable lug, inline socket
transition resistance	0,4 mΩ
rated voltage [2]	1000 V
rated current [2] [10]	100 A
operating temperature	from -25 °C to +115 °C
max. torque	600 Ncm
fastening nut	

[1] other designs on request
[2] at normal ambient temperatures
[10] plug connection max. 16 A

date: 10.08.2026

BENEFITS

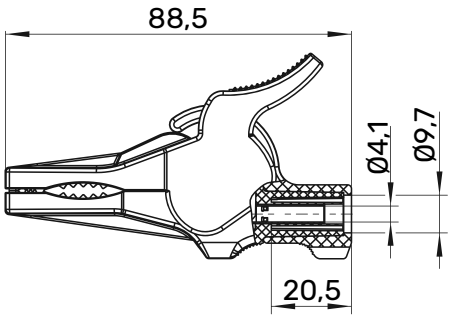
- innovative spring technology without torsion spring:
  the exceptional spring technology ensures reliable and long-lasting operation
- optimal ergonomics and haptics:
  enable pleasant and comfortable handling and fits comfortably in the hand
- widest possible opening:
  clamping range up to 34 mm
- best possible holding force,
  even with long measuring distances
- due to crocodile jaw technology,
  even the finest wires can be picked off
- variant-friendly construction

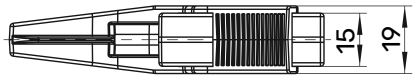
SAK 9230

Safety crocodile clip

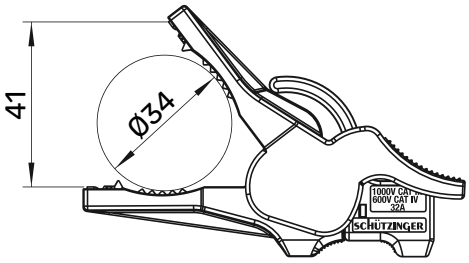
Ø 4 mm safety | 1000 V CAT III | 600 V CAT IV | 32 A

- innovative spring technology without torsion spring: the exceptio nal spring technology ensures reliable and long-lasting operation
- optimal ergonomics and haptics: enables pleasant and comfortable handling and fits comfortably in the hand
- the plastic parts are composed of UL-listed material
- widest possible opening: clamping range up to 34 mm
- reliable holding force, even with long measuring distances
- due to crocodile jaw technology, even the finest wires can be picked off
- Ø 4 mm plug connection to accept Ø 4 mm safety plugs
- insulated for safe use
- for a professional use of our products, the safety instructions in our catalogue must be observed









General information

Order No. [1]	**SAK 9230 Ni**
colour	black, red, blue, yellow, green, greenyellow
contact parts	nickel-plated
insulation	PA 6.6 (UL94-V2)

Technical data

terminal	safety socket
rated voltage [2]	1000 V CAT III / 600 V CAT IV
rated current [2]	32 A
operating temperature	from -25 °C to +80 °C



[1] other colours on request
[2] at normal ambient temperatures

date: 15.04.2026

BENEFITS

- Sealing plug to secure critical applications in didactics and to avoid incorrect operation reliable

- dust protection
- easy manual handling
- offers safe use
- transparent housing, so the colours of the sockets remain visible
- lockability

SET SEBV 9050

SET of sealing plug and key

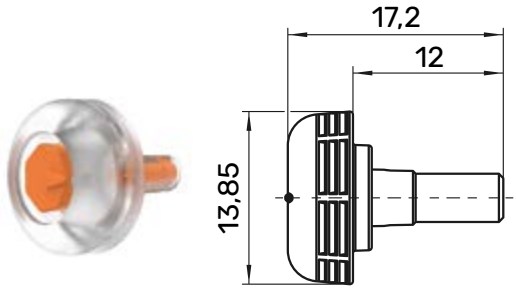
Ø 4mm safety

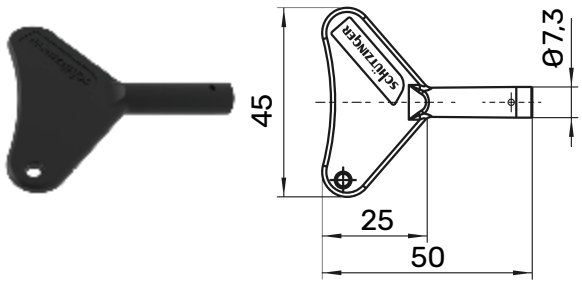
20 x SEBV 9050 / TRANSP

- Sealing plug for closing and locking Ø 4 mm safety threaded so ckets and safety press-in sockets
- Interlock serves as protection for the user
- transparent head, the colour of the socket remains visible
- the attachment and locking or loosening and removal of the sealing plug is implemented with the special key 9050

2 x SCHLUESSEL 9050 / SW

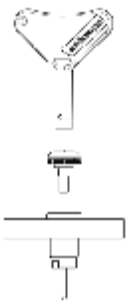
- Key for sealing plug SEBV 9050 / TRANSP for closing and locking Ø 4 mm safety threaded and press-in sockets



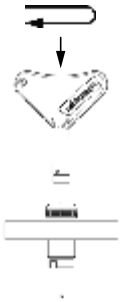


Mounting instructions

1. Push in
Push the sealing plug into the socket as far as it will go with your thumb.



2. Lock
Insert the key and turn it to the right with light pressure until you feel it stop.
Caution: do not overtighten.



Verriegelt



3. Release the lock
Insert the key and turn it to the left with light pressure until the plug loosens and comes out



General information

Order No.	**SET SEBV 9050 / TRANSP**
colour	transparent / schwarz

Set including

SEBV 9050 / TRANSP	20 pieces
SCHLUESSEL 9050 / SW	2 pieces

date: 21.07.2026

BENEFITS

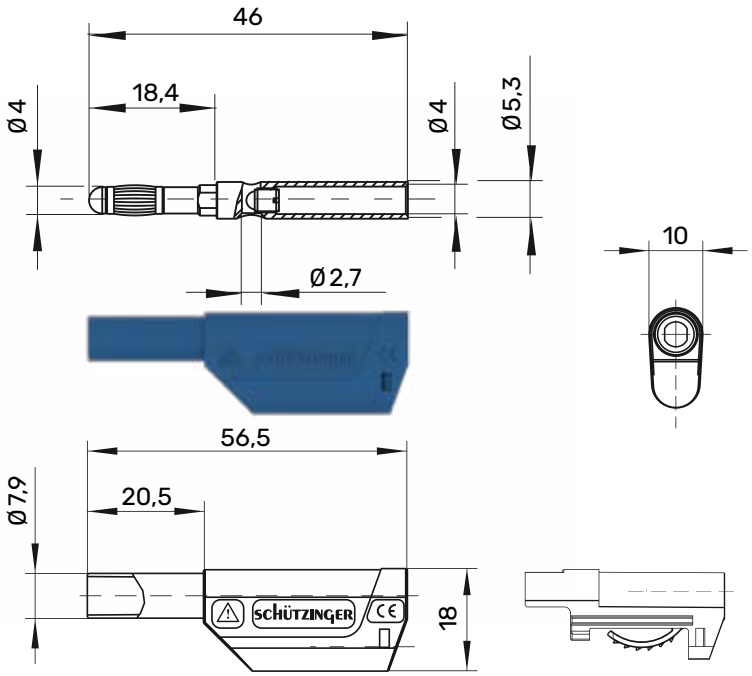
- plug for self-installation
- slimmer design: grid dimension is only 10 mm
- for different cable cross sections up to 2,5 mm^2

SFK 8500 S

Safety lamella-basket plug

Ø 4mm Safety | 1000 V CAT II | 32 A

- straight, with inline socket and screw terminal for cables up to 2.5 mm²
- slim design - grid dimension 10 mm
- with sleeve, unassembled
- the sleeve is composed of UL-listed material
- urther development of our safety lamella-basket plug SFK 40 S
- or a professional use of our products, the safety instructions in our catalogue must be observed



General information

Order No. [1) 15)]	**SFK 8500 S Ni | Au / AS/ ..(colour)**
colours	black, red, blue, yellow, green, grey, brown, white, orange, purple
contact parts	nickel-plated | gold-plated
sleeves	PA 6.6 (UL94-V2)

Technical data

terminal	screw up to 2,5 mm²
sleeve for cable	up to Ø 4 mm
for wire cross-section	bis 2,5 mm²
for cable diameter	bis 4 mm
ransition resistance[4)]	3 mΩ (Ni) | 2 mΩ (Au)
rated voltage[2) 25)]	1000 V CAT II
rated current [2) 25)]	32 A
operating temperature	from -25 °C to +80 °C

[1)] other contact platings and colours on request
[2)] at normal ambient temperatures
[4)] depending on contact plating
[15)] lead-free alternative on request
[25)] The safety of the products is only guaranteed by installation / application by qualified specialists

regulations of IEC EN 61010-031 for hand-held measuring accessories must also be observed during self assembly.

date: 20.02.2026

BENEFITS

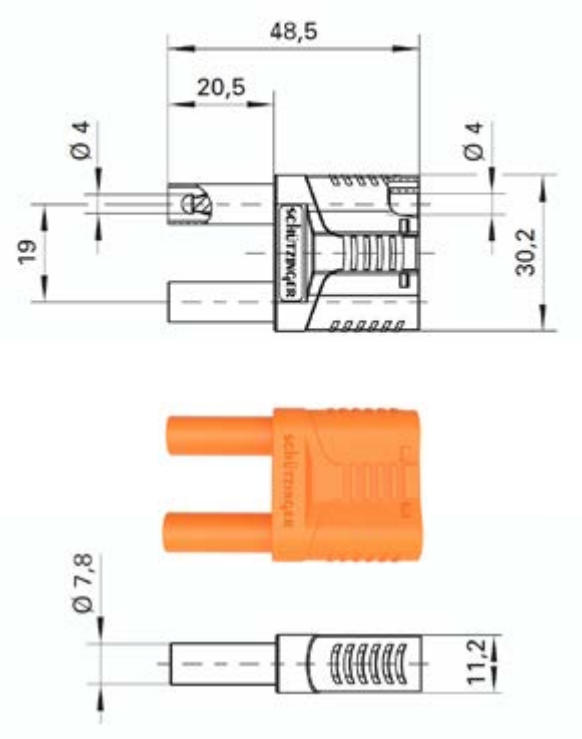
- 2 axial 4 mm connection sockets
- moulded insulation
- now also available in orange

Sicherheits-Kurzschlussstecker
- berührungsgeschützt
- mit axialen Messbuchsen Ø 4 mm

Best.-Nr. SKURZ 6100 / 19 - 4 IG 2MB Ni / ..
(Farbe)
- Kontaktteile **vernickelt**
- Isolierteile PA 6.6 (Polyamid)
- **Farben** siehe Tabelle

Safety connecting plug
- *moulded insulation*
- *with rear sockets Ø 4 mm*

Order No. SKURZ 6100 / 19 - 4 IG 2MB Ni / ..
(colour)
- *contact parts* ***nickel-plated***
- *insulation* *PA 6.6 (Polyamid)*
- ***colours*** *see table*



Allgemeine Angaben	
Best.-Nr. [1]	**SKURZ 6100 / 19 - 4 IG 2MB Ni /** ..(Farbe) Kontaktteile vernickelt
Farben	schwarz, rot, blau, gelb, grün, grau, braun, weiß, orange, grüngelb
Technische Daten	
Anschluss	Sicherheits-Messbuchse (2x)
Durchgangswiderstand	8 mΩ
Bemessungsspannung [2]	1000 V CAT II
Bemessungsstrom [2]	32 A
Betriebstemperatur	von -25 °C bis +80 °C

General information	
Order No. [1]	***SKURZ 6100 / 19 - 4 IG 2MB Ni /*** *..(colour)* *contact parts nickel-plated*
colours	*black, red, blue, yellow, green, grey, brown, white, orange, green-yellow*
Technical data	
terminal	*safety rear socket (2x)*
transition resistance	*8 mΩ*
rated voltage [2]	*1000 V CAT II*
rated current [2]	*32 A*
operating temperature	*from -25 °C to +80 °C*

[1] andere Kontaktoberflächen und Farben auf Anfrage
[2] bei normalen Umgebungstemperaturen

[1] *other contact platings and colours on request*
[2] *at normal ambient temperatures*

06.09.2024

BENEFITS

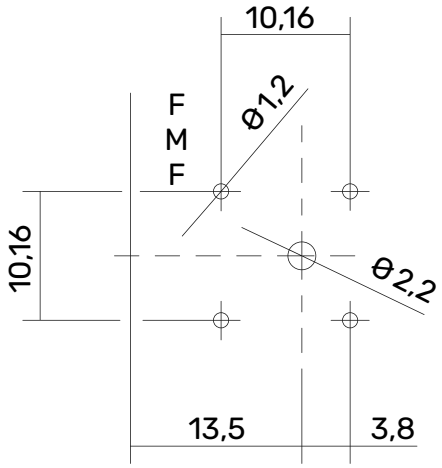
- angled safety socket for fixture on PCB
- horizontal safety socket 4mm for PCB
- also available in colour orange

SWEB 8094

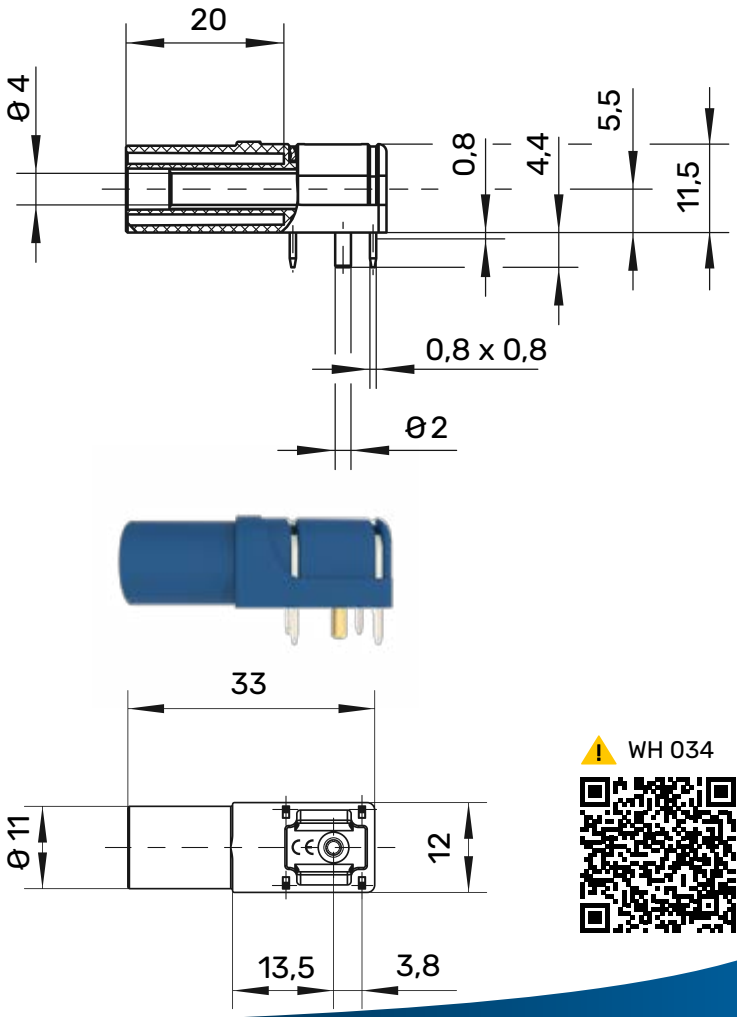
Safety angled socket

ϴ 4 mm safety | 1000 V CAT III | 24 A

- angled safety socket for fixture on PCB
- socket ϴ 4 mm



hole pattern for PCB layout



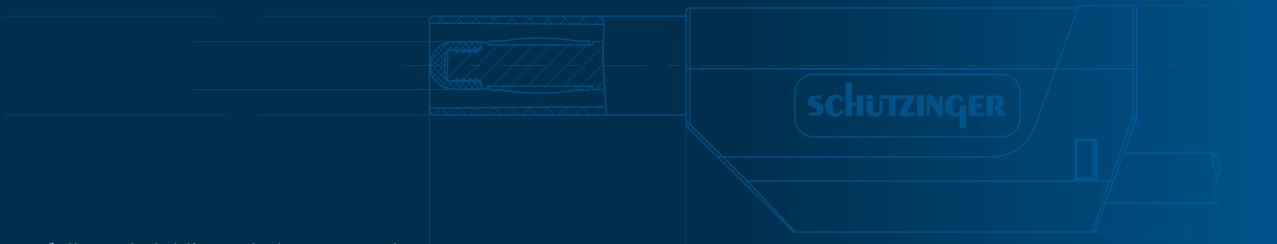
WH 034

General information

Order No [1]	**SWEB 8094 Au ...(colour)**
colurs	black, red, blue, brown, yellow, green, grey,white, orange, purple
contact parts	**gold-plated**
insulation	PA 6.6 (UV94-V2)

Technical data

terminal	PCB
transition resistance	10 mΩ (Au)
rated voltage [2]	1000 V CAT III
rated current [2]	24 A
operating temperature	von -25 °C bis +80 °C



[1] other contact platings and colours on request
[2] at normal ambient temperatures

date: 22.10.2026



Contact

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75 years

Date: Oktober 2026