## miniCON plug connector



### 8595/1-CP1-S-S05-011 Art. No. 286556



- · Simple handling using hot swap technology
- · Versatile application possibilities thanks to modular structure
- · Most extreme operating conditions in hazardous areas
- · Reliable data and signal connections or power supplies
- Simple connection and disconnection thanks to one-handed operation

#### MY R. STAHL 8595C



R. STAHL's Series 8595/1 explosion-protected miniCON plug connectors with up to eight poles keep you safely connected. The high-quality plastic or stainless steel plug connectors have impressed many customers with their reliability and versatility in application. Their hot swap disconnecting capacity means that intrinsically safe signal supplies and power supplies up to 500 V/16 A can be connected and disconnected reliably and safely without the need for a hot work permit or other hot work authorisation. The miniCON connectors designed for conductor cross-sections of 0.25 mm² to 2.5 mm² are available for directly connecting electrical lines or for device installation in the device plug and flange socket types of construction. The new plug connectors for hazardous areas in Zones 1 and 21 stand out from the competition thanks to their modular structure and logically arranged components, which enable quick, easy mounting. Our patented single-handed operation means that matching plug connectors, which can be defined by the installer using internal coding for up to three applications, can be connected in no time.

#### **Technical Data**

Explosion Protection	
Area of application	European Union (ATEX) IECEx
Application range (zones)	1, 2, 21, 22
IECEx gas certificate	IECEx EPS 20.0035X
IECEX gas certificate	IECEx EPS 20.0035X
IECEx gas explosion protection	Ex db eb IIC T6 / T5 Gb
IECEx gas explosion protection 2	Ex ia IIC T6 Ga
IECEx dust certificate	IECEx EPS 20.0035X
IECEx dust explosion protection	Ex tb IIIC T80 °C / T95 °C Db
IECEx dust explosion protection 2	Ex ia IIIC T80 °C Da
ATEX gas certificate	EPS 20 ATEX 1075 X
ATEX gas certificate	EPS 20 ATEX 1075 X
ATEX gas explosion protection	⑤ II 2 G Ex db eb IIC T6 / T5 Gb
ATEX gas explosion protection 2	⑤ II 1 G Ex ia IIC T6 Ga
ATEX dust certificate	EPS 20 ATEX 1075 X
ATEX dust explosion protection	
ATEX dust explosion protection 2	⑤ II 1 D Ex ia IIIC T80 °C Da
Certificates	ATEX (EPS), IECEx (EPS)
Declaration of Conformity	ATEX (EUK)

## miniCON plug connector



### 8595/1-CP1-S-S05-011 Art. No. 286556

Rated operational voltage DC	Electrical Data	
Voltage tolerance         +10%           Rated insulation voltage         690 V           Rated operational current for AC         16 A           Rated operational current for DC         8 A           Rated operational current for DC 2         16 A           No. of poles         7 P + PE / 8 P           No. of poles note         Eight contacts are included in the delivery as standard. One to eight contacts can be used.           AC frequency range         50 − 60 Hz           Device Specific Data         Back-up fuse with thermal protection           Back-up fuse with thermal protection         16 A GL           Ambient Conditions         Ambient Conditions           Ambient temperature         -60 °C +75 °C           Ambient temperature         -76 °F +167 °F           Mechanical Data         Coupling           Perse of protection (IP) (IEC 60529)         IP66           IP67         IP68           IP69         IP67           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Contact type         Socket contact           Connection cross-section         0.5 mm²           Connection cross-section AWG         20 AWG           Connection cross-section 2 AWG min.         24 A	Rated operational voltage AC	500 V
Rated insulation voltage	Rated operational voltage DC	max. 110 V
Rated operational current for DC         8.A           Rated operational current for DC         8.A           Rated operational current for DC         16.A           No. of poles         7           No. of poles         7 P + PE / 8 P           No. of poles note         Eight contacts are included in the delivery as standard. One to eight contacts can be used.           AC frequency range         50 - 60 Hz           Device Specific Data         Back-up fuse with thermal protection           Back-up fuse without thermal protection         15 A GL           Back-up fuse without thermal protection         16 A GL           Ambient Conditions         C           Ambient temperature         -60 °C +75 °C           Ambient temperature         -76 °F +167 °F           Mechanical Data         C           Version         Coupling           Degree of protection (IP) (IEC 60529)         IP66           IP67         IP6           Base part         Coupling           Enclosure material         Plastic           Contact type         Socket contact           Connection cross-section 2         0.25 mm²           Connection cross-section AWG         20 AWG           Connection cross-section 2 max.         0.25 mm²	Voltage tolerance	+10%
Rated operational current for DC         8 A           Rated operational current for DC 2         16 A           No. of poles         7           No. of poles         7 P + PE / 8 P           No. of poles note         Eight contacts are included in the delivery as standard. One to eight contacts can be used.           AC frequency range         50 – 60 Hz           Back-up fuse with thermal protection         25 A GL           Back-up fuse with thermal protection         16 A GL           Ambient Conditions         Ambient temperature           Ambient temperature         -60 °C +75 °C           Ambient temperature         -76 °F +167 °F           Mechanical Data         Version           Version         Coupling           IP6 degree of protection (IPC 60079)         IP66 IP67           IP degree of protection (IEC 60079)         IP68 IP67           Base part         Coupling           Contact type         Socket contact           Connection cross-section         0.5 mm²           Connection cross-section AWG         20 AWG           Connection cross-section AWG         24 AWG           Connection cross-section 2 AWG min.         0.25 mm²           Connection cross-section 2 AWG min.         0.25 mm²           Connection cros	Rated insulation voltage	690 V
Rated operational current for DC 2	Rated operational current for AC	16 A
No. of poles         7           No. of poles note         Eight contacts are included in the delivery as standard. One to eight contacts can be used.           AC frequency range         50 − 60 Hz           Device Specific Data         Back-up fuse with thermal protection           Back-up fuse without thermal protection         25 A GL           Back-up fuse without thermal protection         16 A GL           Ambient Conditions	Rated operational current for DC	8 A
No. of poles note         7 P + PE / 8 P           No. of poles note         Eight contacts are included in the delivery as standard. One to eight contacts can be used.           AC frequency range         50 - 60 Hz           Device Specific Data           Back-up fuse with thermal protection         25 A GL           Back-up fuse with uthermal protection         16 A GL           Ambient Conditions           Ambient temperature         40 °C +75 °C           Ambient temperature         -76 °F +167 °F           Mechanical Data         Version         Coupling           Version         Coupling           Degree of protection (IP) (IEC 60529)         IP66         IP67           IP degree of protection (IEC 60079)         IP94         Base part         Coupling           Enclosure material         Plastic         Plastic           Contact type         Socket contact         Connection cross-section 2         0.5 mm²           Connection cross-section AWG         20 AWG         Connection cross-section AWG         20 AWG           Connection cross-section 2 min.         0.25 mm²         Connection cross-section 2 min.         24 AWG           Connection cross-section 2 max.         0.25 mm²         Connection cross-section 2 awa.         0.25 mm² <td>Rated operational current for DC 2</td> <td>16 A</td>	Rated operational current for DC 2	16 A
No. of poles note   Eight contacts are included in the delivery as standard. One to eight contacts can be used. AC frequency range   50 – 60 Hz    Device Specific Data   50 – 60 Hz    Back-up fuse with thermal protection   16 A GL    Ambient Conditions   -60 °C +75 °C    Ambient temperature   -60 °C +75 °C    Ambient temperature   -76 °F +167 °F    Mechanical Data    Version   Coupling    Degree of protection (IP) (IEC 60529)    IP66    IP67    IP degree of protection (IEC 60079)    Base part   Coupling    Enclosure material   Plastic    Connection cross-section   0.5 mm²    Connection cross-section 2   0.25 mm²    Connection cross-section 2 NWG   24 AWG    Connection cross-section 2 max   0.25 mm²    Connection tread   M20 x 1.5    Impact strength (IEC 60079)   7 J    Coding   1-3, arbitrary    Seal   Silicone    Weight   0.29 lb    Mounting / Installation	No. of poles	7
AC frequency range 50 – 60 Hz  Device Specific Data  Back-up fuse with thermal protection 16 A GL  Ambient Conditions  Ambient temperature -60 °C +75 °C  Ambient temperature -76 °F +167 °F  Mechanical Data  Version Coupling  Degree of protection (IP) (IEC 60529) IP66 IP67  IP degree of protection (IEC 60079) IP84  Base part Coupling  Enclosure material Plastic  Contact type Socket contact  Connection cross-section 0.5 mm²  Connection cross-section 2 0.25 mm²  Connection cross-section AWG 20 AWG  Connection cross-section 2 Tax. 0.25 mm²  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 AWG min. 0.25 mm²  Connection cross-section 2 AWG and Connection cross-section 2 AWG  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 AWG and Connection cross-section 2 Tax. 0.25 mm²  Connection cross-section 2 AWG min. 0.25 mm²  Connection cross-section 2 AWG and 0.25 mm²  Connection cross-section 2 Tax. 0.25 mm²  Connection cross-section 2 Tax. 0.25 mm²  Connection cross-section 2 AWG min. 0.25 mm²  Connection cross-section 2 SAWG min. 0.25 mm²  Connection cross-section 2 MG min. 0.25 mm²  Connection cross-section 2 min. 0.25 mm²  Connection cross-section 2 min. 0.25 mm²  Connection cross-section 2 min. 0.25 mm²  Connect	No. of poles	7 P + PE / 8 P
AC frequency range 50 – 60 Hz  Device Specific Data  Back-up fuse with thermal protection 16 A GL  Ambient Conditions  Ambient temperature -60 °C +75 °C  Ambient temperature -76 °F +167 °F  Mechanical Data  Version Coupling  Degree of protection (IP) (IEC 60529) IP66 IP67  IP degree of protection (IEC 60079) IP84  Base part Coupling  Enclosure material Plastic  Contact type Socket contact  Connection cross-section 0.5 mm²  Connection cross-section 2 0.25 mm²  Connection cross-section AWG 20 AWG  Connection cross-section 2 Tax. 0.25 mm²  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 AWG min. 0.25 mm²  Connection cross-section 2 AWG and Connection cross-section 2 AWG  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 AWG and Connection cross-section 2 Tax. 0.25 mm²  Connection cross-section 2 AWG min. 0.25 mm²  Connection cross-section 2 AWG and 0.25 mm²  Connection cross-section 2 Tax. 0.25 mm²  Connection cross-section 2 Tax. 0.25 mm²  Connection cross-section 2 AWG min. 0.25 mm²  Connection cross-section 2 SAWG min. 0.25 mm²  Connection cross-section 2 MG min. 0.25 mm²  Connection cross-section 2 min. 0.25 mm²  Connection cross-section 2 min. 0.25 mm²  Connection cross-section 2 min. 0.25 mm²  Connect	No. of poles note	Eight contacts are included in the delivery as standard. One to eight contacts can be used.
Device Specific Data Back-up fuse with thermal protection Back-up fuse with thermal protection Back-up fuse without thermal protection Ambient Conditions Ambient temperature  -60 °C +75 °C Ambient temperature  -76 °F +167 °F Mechanical Data  Version Coupling Degree of protection (IP) (IEC 60529) IP66 IP67 IP degree of protection (IEC 60079) IP64 Base part Coupling Enclosure material Plastic Contact type Socket contact Connection cross-section 0.5 mm² Connection cross-section 2 Connection cross-section AWG 20 AWG Connection cross-section AWG 20 AWG Connection cross-section 2 min. 0.25 mm² Connection cross-section 2 max. 0.25 mm² Connection cross-section 2 min. 0.25 mm² Connecti	AC frequency range	50 – 60 Hz
Back-up fuse without thermal protection  Ambient Conditions  Ambient temperature		
Ambient Conditions  Ambient temperature	Back-up fuse with thermal protection	25 A GL
Ambient temperature	Back-up fuse without thermal protection	16 A GL
Ambient temperature -76 °F +167 °F  Mechanical Data  Version Coupling  Degree of protection (IP) (IEC 60529) IP66 IP67  IP degree of protection (IEC 60079) IP64  Base part Coupling  Enclosure material Plastic  Contact type Socket contact  Connection cross-section 0.5 mm²  Connection cross-section 2 0.25 mm²  Connection cross-section AWG 20 AWG  Connection cross-section 2 4 AWG  Connection cross-section 2 min. 0.25 mm²  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 MWG WG  Connection cross-section 2 AWG min. 24 AWG  Connection tross-section 2 SawG min. 24 AWG  Connection tross-section 2 SawG min. 25 mm²  Connection tross-section 2 SawG min. 25 mm²  Connection tross-section 2 SawG min. 25 mm²  Connection cross-section	Ambient Conditions	
Mechanical Data         Version         Coupling           Degree of protection (IP) (IEC 60529)         IP66 IP67           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Plastic           Contact type         Socket contact           Connection cross-section         0.5 mm²           Connection cross-section 2         0.25 mm²           Connection cross-section AWG         20 AWG           Connection cross-section AWG         24 AWG           Connection cross-section 2 min.         0.25 mm²           Connection cross-section 2 max.         0.25 mm²           Connection cross-section 2 AWG min.         24 AWG           Connection cross-section 2 AWG max.         24 AWG           Clamping range         5 13 mm           Connection thread         M20 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         0.29 lb           Mounting / Installation	Ambient temperature	-60 °C +75 °C
Version         Coupling           Degree of protection (IP) (IEC 60529)         IP66 IP67           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Plastic           Contact type         Socket contact           Connection cross-section         0.5 mm²           Connection cross-section 2         0.25 mm²           Connection cross-section AWG         20 AWG           Connection cross-section AWG         24 AWG           Connection cross-section 2 min.         0.25 mm²           Connection cross-section 2 max.         0.25 mm²           Connection cross-section 2 AWG min.         24 AWG           Connection cross-section 2 AWG max.         24 AWG           Clamping range         5 13 mm           Connection thread         M20 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         0.29 lb           Mounting / Installation	Ambient temperature	-76 °F +167 °F
Degree of protection (IP) (IEC 60529)         IP66 IP67           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Plastic           Contact type         Socket contact           Connection cross-section         0.5 mm²           Connection cross-section AWG         0.25 mm²           Connection cross-section AWG         20 AWG           Connection cross-section 2 min.         0.25 mm²           Connection cross-section 2 min.         0.25 mm²           Connection cross-section 2 max.         0.25 mm²           Connection cross-section 2 AWG min.         24 AWG           Connection cross-section 2 AWG max.         24 AWG           Clamping range         5 13 mm           Connection thread         M20 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         0.29 lb           Mounting / Installation	Mechanical Data	
IP67  IP degree of protection (IEC 60079)  IP64  Base part  Coupling  Enclosure material  Plastic  Contact type  Socket contact  Connection cross-section  0.5 mm²  Connection cross-section 2  0.25 mm²  Connection cross-section AWG  20 AWG  Connection cross-section AWG  Connection cross-section AWG  Connection cross-section 2 min.  0.25 mm²  Connection cross-section 2 max.  0.25 mm²  Connection cross-section 2 AWG min.  Connection thread myo x 1.3 mm  Connection thread M20 x 1.5  Impact strength (IEC 60079)  7 J  Coding 1-3, arbitrary  Seal Silicone  Weight 130 g  Weight 0.29 lb  Mounting / Installation	Version	Coupling
Base part Coupling Enclosure material Plastic Contact type Socket contact Connection cross-section 0.5 mm² Connection cross-section 2 0.25 mm² Connection cross-section AWG 20 AWG Connection cross-section AWG 24 AWG Connection cross-section 2 min. 0.25 mm² Connection cross-section 2 min. 0.25 mm² Connection cross-section 2 max. 0.25 mm² Connection cross-section 2 AWG min. 24 AWG Connection cross-section 2 AWG min. 24 AWG Connection cross-section 2 AWG max. 24 AWG Clamping range 5 13 mm Connection thread M20 x 1.5 Impact strength (IEC 60079) 7 J Coding 1-3, arbitrary Seal Silicone Weight 130 g Weight 0.29 lb  Mounting / Installation	Degree of protection (IP) (IEC 60529)	
Enclosure material Plastic  Contact type Socket contact  Connection cross-section 0.5 mm²  Connection cross-section 2 0.25 mm²  Connection cross-section AWG 20 AWG  Connection cross-section AWG 24 AWG  Connection cross-section 2 min. 0.25 mm²  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 AWG min. 24 AWG  Connection cross-section 2 AWG max. 24 AWG  Clamping range 5 13 mm  Connection thread M20 x 1.5  Impact strength (IEC 60079) 7 J  Coding 1-3, arbitrary  Seal Silicone  Weight 130 g  Weight 0.29 lb  Mounting / Installation	IP degree of protection (IEC 60079)	IP64
Contact type Socket contact  Connection cross-section 0.5 mm²  Connection cross-section 2 0.25 mm²  Connection cross-section AWG 20 AWG  Connection cross-section AWG 24 AWG  Connection cross-section 2 min. 0.25 mm²  Connection cross-section 2 max. 0.25 mm²  Connection cross-section 2 AWG min. 24 AWG  Connection cross-section 2 AWG min. 24 AWG  Connection cross-section 2 AWG max. 24 AWG  Connection tross-section 2 AWG max. 24 AWG  Clamping range 5 13 mm  Connection thread M20 x 1.5  Impact strength (IEC 60079) 7 J  Coding 1-3, arbitrary  Seal Silicone  Weight 130 g  Weight 0.29 lb  Mounting / Installation	Base part	Coupling
Connection cross-section 2 0.25 mm² Connection cross-section AWG 20 AWG Connection cross-section AWG 24 AWG Connection cross-section 2 min. 0.25 mm² Connection cross-section 2 min. 0.25 mm² Connection cross-section 2 max. 0.25 mm² Connection cross-section 2 AWG min. 24 AWG Connection cross-section 2 AWG min. 24 AWG Connection cross-section 2 AWG max. 24 AWG Clamping range 5 13 mm Connection thread M20 x 1.5 Impact strength (IEC 60079) 7 J Coding 1-3, arbitrary Seal Silicone Weight 130 g Weight 0.29 lb  Mounting / Installation	Enclosure material	Plastic
Connection cross-section 2 0.25 mm² Connection cross-section AWG 20 AWG Connection cross-section AWG 24 AWG Connection cross-section 2 min. 0.25 mm² Connection cross-section 2 max. 0.25 mm² Connection cross-section 2 AWG min. 24 AWG Connection cross-section 2 AWG min. 24 AWG Connection cross-section 2 AWG max. 24 AWG Clamping range 5 13 mm Connection thread M20 x 1.5 Impact strength (IEC 60079) 7 J Coding 1-3, arbitrary Seal Silicone Weight 130 g Weight 0.29 lb  Mounting / Installation	Contact type	Socket contact
Connection cross-section AWG Connection cross-section AWG Connection cross-section 2 min.  Connection cross-section 2 max.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG max.  Connection cross-section 2 AWG max.  Clamping range  5 13 mm  Connection thread  M20 x 1.5  Impact strength (IEC 60079)  7 J  Coding  1-3, arbitrary  Seal  Silicone  Weight  130 g  Weight  Mounting / Installation	Connection cross-section	0.5 mm <sup>2</sup>
Connection cross-section AWG Connection cross-section 2 min.  Connection cross-section 2 max.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG max.  Connection cross-section 2 AWG max.  24 AWG Connection cross-section 2 AWG max.  Clamping range  5 13 mm Connection thread  M20 x 1.5  Impact strength (IEC 60079)  7 J  Coding  1-3, arbitrary  Seal  Silicone  Weight  130 g  Weight  0.29 lb  Mounting / Installation	Connection cross-section 2	0.25 mm <sup>2</sup>
Connection cross-section 2 min.  Connection cross-section 2 max.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG max.  Clamping range  Clamping range  5 13 mm  Connection thread  M20 x 1.5  Impact strength (IEC 60079)  7 J  Coding  1-3, arbitrary  Seal  Silicone  Weight  130 g  Weight  0.29 lb  Mounting / Installation	Connection cross-section AWG	20 AWG
Connection cross-section 2 min.  Connection cross-section 2 max.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG max.  Clamping range  Clamping range  5 13 mm  Connection thread  M20 x 1.5  Impact strength (IEC 60079)  7 J  Coding  1-3, arbitrary  Seal  Silicone  Weight  130 g  Weight  0.29 lb  Mounting / Installation	Connection cross-section AWG	24 AWG
Connection cross-section 2 AWG min. 24 AWG Connection cross-section 2 AWG max. 24 AWG Clamping range 5 13 mm Connection thread M20 x 1.5 Impact strength (IEC 60079) 7 J Coding 1-3, arbitrary Seal Silicone Weight 130 g Weight 0.29 lb Mounting / Installation		0.25 mm <sup>2</sup>
Connection cross-section 2 AWG max. 24 AWG  Clamping range 5 13 mm  Connection thread M20 x 1.5  Impact strength (IEC 60079) 7 J  Coding 1-3, arbitrary  Seal Silicone  Weight 130 g  Weight 0.29 lb  Mounting / Installation	Connection cross-section 2 max.	0.25 mm <sup>2</sup>
Clamping range         5 13 mm           Connection thread         M20 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         130 g           Weight         0.29 lb           Mounting / Installation	Connection cross-section 2 AWG min.	24 AWG
Connection thread         M20 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         130 g           Weight         0.29 lb           Mounting / Installation	Connection cross-section 2 AWG max.	24 AWG
Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         130 g           Weight         0.29 lb           Mounting / Installation	Clamping range	5 13 mm
Coding         1-3, arbitrary           Seal         Silicone           Weight         130 g           Weight         0.29 lb           Mounting / Installation	Connection thread	M20 x 1.5
Seal         Silicone           Weight         130 g           Weight         0.29 lb           Mounting / Installation	Impact strength (IEC 60079)	7 J
Weight         130 g           Weight         0.29 lb           Mounting / Installation	Coding	1-3, arbitrary
Weight 0.29 lb  Mounting / Installation	Seal	Silicone
Mounting / Installation	Weight	130 g
	Weight	0.29 lb
	Mounting / Installation	
Connection type crimp	Connection type	crimp
Connection type 2 solder	Connection type 2	solder
Cable gland Series 8161/7 made of plastic	Cable gland	Series 8161/7 made of plastic

## miniCON plug connector

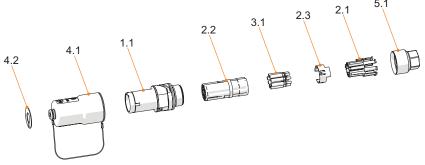


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#### Components

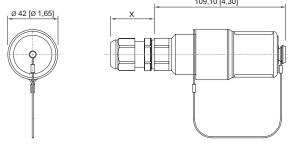
Protective cap available	Yes
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#### **Technical Drawings - Subject to Alterations**



- Code disk
- Protective cap
- Coupling basic part
- Insulator
- Contacts
- PE contact (only for metal variant)
- 4.2 4.1 1.1 2.2 3.1 2.3 2.1 5.1 Contact holder
- Adapter for cable gland

#### Dimensional Drawings (All Dimensions in mm [inches]) - Subject to Alterations



8595/1 coupling

X = depending on the cable gland used

#### **Accessories**

Ex e device plug		Art. No.
	Enclosure material: Nickel-plated brass	298965
	Contact type: Pin contact Connection cross-section: 0.5 mm²	
	Number of poles: 7 P + PE/8 P	
	Connection type: Crimping	
Ex e device plug		Art. No.
5	Enclosure material: Stainless steel 1.4404	286586
	Contact type: Pin contact	
	Connection cross-section: 0.5 mm²	
	Number of poles: 7 P + PE/8 P	
	Number of poles. 7 F + FE/6 F	

## miniCON plug connector



### 8595/1-CP1-S-S05-011 Art. No. 286556

Plug		Art. No.
	Enclosure material: Nickel-plated brass Contact type: Pin contact Connection cross-section: 0.5 mm² Number of poles: 7 P + PE/8 P Connection type: Crimping	298963
	Enclosure material: Plastic Contact type: Pin contact Connection cross-section: 0.5 mm² Number of poles: 7 P + PE/8 P Connection type: Crimping	286548
	Enclosure material: Stainless steel 1.4404  Contact type: Pin contact  Connection cross-section: 0.5 mm²  Number of poles: 7 P + PE/8 P  Connection type: Crimping	286584
Crimping tool		Art. No.
	For all versions with crimp connection of 0.14 to 6 mm <sup>2</sup>	295689
Contact mounts/	positioners for rotated industrial contacts	Art. No.
	The selection of the contact mount is based on the crimp contacts to be processed.  - Exact positioning of the crimp contact during the crimping process  - Reliable, reproducible crimping result  - Adapted for miniCON contacts	299586
2-ear clamps		Art. No.
	KIT 8595 2-ear clamps, small Strain relief depending on the cable gland used Cable outer diameter 5 to 13 mm	286168
Adaptor		Art. No.
<b>● 9</b> 0	KIT 8595 plastic adaptor, consisting of: Adaptor made of plastic for cable gland M20 x 1.5 incl. strain relief Cable outer diameter 5 to 13 mm	286162
	KIT 8595 plastic adaptor, colour: blue for cable gland, M20 x 1.5	299299
	KIT 8595 plastic adaptor, colour: green for cable gland, M20 x 1.5	299297
	KIT 8595 plastic adaptor, colour: red for cable gland, M20 x 1.5	299298

## miniCON plug connector



### 8595/1-CP1-S-S05-011 Art. No. 286556

Socket contac	et	Art. No.
	KIT 8595 socket contacts (0.25 to 0.5 mm²), 8 pieces	286151
Code disks		Art. No.
000	KIT coding plate 8595, four colours, without labelling Customer-specific labelling available on request	289939
Cable gland m	nade of plastic	Art. No.
	8161/7-M20-1307-LT, Ex e Plastic, M20 x 1.5, cable outer diameter 7 to 13 mm Lot size 50 pieces	239204
	8161/8-M20-1307-LT, Ex i Plastic, M20 x 1.5, cable outer diameter 7 to 13 mm Lot size 50 pieces	239212

### **Spare Parts**

am nut, nickel	am nut, nickel-plated brass	
	Material: Nickel-plated brass One piece Thread size: M32	110869
ontact holder	for socket contact	Art. No.
<b>*</b> 99 <b>8</b>	KIT 8595 socket contact insert	286145
Protective cap		Art. No.
0	KIT 8595 coupling protective cap (socket) Incl. KIT 8595 coding plates, four colours, without labelling	286159

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.