## miniCON plug connector



### 8595/1-CS1-S-P25-00E Art. No. 286619



- · 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 8595F



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	
ATEX gas explosion protection 2	
ATEX dust certificate	EPS 20 ATEX 1075 X
ATEX dust explosion protection	
ATEX dust explosion protection 2	
Certificates	ATEX (EPS), IECEx (EPS)
Declaration of Conformity	ATEX (EUK)

# miniCON plug connector



## 8595/1-CS1-S-P25-00E Art. No. 286619

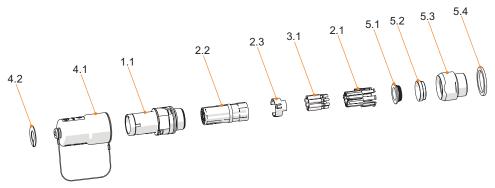
Rated operational voltage AC         500 V           Rated operational voltage DC         max. 110 V           Voltage tolerance         +10%           Rated insulation voltage         690 V           Rated operational current for AC         16 A           Rated operational current for DC         8 A           Rated operational current for DC 2         16 A           No. of poles         7 P+ PE / 8 P           No. of poles         7 P+ PE / 8 P           AC frequency range         50 - 60 Hz           Device Specific Data         Back-up fuse with hermal protection           Back-up fuse with hermal protection         16 A GL           Ambient temperature         -60 °C +75 °C           Ambient temperature         -76 °F +167 °F           Mechanical Data         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66           IP67         IP69           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Connection cross-section 2         1.5 mm²           Connection cross-section 2         1.5 mm²           Connection cross-section 2 min.         1.5 mm²           Connection cross-section 2 min.         1.5 mm²	Electrical Data	
Rated operational voltage DC         max. 110 V           Voltage tolerance         +10%           Rated insulation voltage         690 V           Rated operational current for DC         8 A           Rated operational current for DC 2         16 A           No. of poles         7 P + PE / 8 P           AC frequency range         50 - 60 Hz           Device Specific Data         8 A           Back-up fuse with thermal protection         25 A GL           Back-up fuse with thermal protection         16 A GL           Ambient Conditions         Ambient Conditions           Ambient temperature         -80 °C +75 °C           Ambient temperature         -80 °C +76 °F           Mechanical Data         Ex e flange socket, reverse           Version         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Connection cross-section 2         2.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section 2 max         1.5 mm²           Connection thread         M32 x 1.5	Rated operational voltage AC	500 V
Voltage tolerance         +10%           Rated insulation voltage         690 V           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         7 P + PE / 8 P           AC frequency range         50 - 60 Hz           Device Specific Data         Back-up fuse with thermal protection           Back-up fuse with ut thermal protection         16 A GL           Ambient Conditions	Rated operational voltage DC	max. 110 V
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           AC frequency range         50 - 60 Hz           Device Specific Data           Back-up fuse with thermal protection         25 A GL           Back-up fuse without thermal protection         16 A GL           Ambient temperature         -60 °C +75 °C           Ambient temperature         -76 °F +167 °F           Mechanical Data         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66           IP67         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Connection cross-section 2         2.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section Pava.         1.5 mm²		+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           AC frequency range         50 - 60 Hz           Device Specific Data           Back-up fuse with thermal protection         25 A GL           Back-up fuse without 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         Ex e flange socket, reverse           Version         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66           IP67         IP68           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Contact type         Pin contact           Connection cross-section 2         2.5 mm²           Connection cross-section 3         1.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section 2 mix.         1.5 mm²           Connection cross-section 2 mix.         1.5 mm²           Connection cross-section 2		690 V
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           AC frequency range         50 - 60 Hz           Device Specific Data           Back-up fuse with thermal protection         25 A GL           Back-up fuse without 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         Ex e flange socket, reverse           Version         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66           IP67         IP68           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Contact type         Pin contact           Connection cross-section 2         2.5 mm²           Connection cross-section 3         1.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section 2 mix.         1.5 mm²           Connection cross-section 2 mix.         1.5 mm²           Connection cross-section 2		16 A
Rated operational current for DC 2         16 A           No. of poles         7           No. of poles         7 P + PE / 8 P           AC frequency range         50 - 60 Hz           Device Specific Dats           Back-up fuse with thermal protection         25 A GL           Back-up fuse without thermal protection         16 A GL           Ambient Conditions           Ambient temperature         -60 °C +75 °C           Ambient temperature         -76 °F +167 °F           Mechanical Data         Fee alloge socket, reverse           Pegree of protection (IP) (IEC 60529)         IP66           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Contact type         Pin contact           Connection cross-section         2.5 mm²           Connection cross-section AWG         1.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section 2 mix         1.5 mm²           Connection cross-section 2 mix         1.5 mm²           Connection cross-section 2 mix         1.6 AWG           Connection thread         M32 x 1.5           Impact strength (IEC 60079)		8 A
No. of poles         7           No. of poles         7 P + P E / 8 P           AC frequency range         50 − 60 Hz           Device Specific Data           Back-up fuse with thermal protection         25 A GL           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         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66           IP67         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Connect type         Pin contact           Connection cross-section 2         2.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section 2 max.         1.5 mm²           Connection cross-section 2 max.         1.5 mm²           Connection cross-section 2 AWG min.         16 AWG           Connection cross-section 2 max.         1.6 MVG           Connection tread         M32 x 1.5           Impact strength (IEC 60079)         7		16 A
No. of poles         7 P + P E / 8 P           AC frequency range         50 - 60 Hz           Device Specific Data           Back-up fuse with thermal protection         25 A GL           Back-up fuse without thermal protection         16 A GL           Ambient Conditions         -60 °C +75 °C           Ambient temperature         -60 °C +76 °F           Mechanical Data         -60 °C +76 °F           Version         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66           IP67         IP69           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Connection cross-section         2.5 rmm²           Connection cross-section 2         1.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section 2 awG min.         1.5 mm²           Connection cross-section 2 AWG min.         16 AWG           Connection cross-section 2 AWG min.         16 AWG           Connection thread         M32 x 1.5           Impact strength (IEC 60079)         7.J           Coding		7
AC frequency range   50 - 60 Hz		7 P + PE / 8 P
Device Specific Data         25 A GL           Back-up fuse with thermal protection         25 A GL           Back-up fuse without thermal protection         16 A GL           Ambient Conditions         -60 °C +75 °C           Ambient temperature         -76 °F +167 °F           Mechanical Data         Version           Version         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66           IP67         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Contact type         Pin contact           Connection cross-section         2.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section 2 min.         1.5 mm²           Connection cross-section 2 max.         1.5 mm²           Connection cross-section 2 AWG min.         16 AWG           Connection cross-section 2 NaG min.         16 AWG           Connection type 2         Silicone		50 – 60 Hz
Back-up fuse with thermal protection         25 A GL           Back-up fuse without 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         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66 IP67           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Contact type         Pin contact           Connection cross-section         2.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section 2 min.         1.5 mm²           Connection cross-section 2 awx.         1.5 mm²           Connection cross-section 2 AWG min.         16 AWG           Connection cross-section 2 AWG min.         16 AWG           Connection thread         M32 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone		
Back-up fuse without thermal protection  Ambient Conditions  Ambient temperature  -60 °C +75 °C  Ambient temperature  -76 °F +167 °F  Mechanical Data  Version  Ex e flange socket, reverse  Degree of protection (IP) (IEC 60529)  IP66 IP67  IP degree of protection (IEC 60079)  Base part  Coupling  Enclosure material  Stainless steel 1.4404  Contact type  Pin contact  Connection cross-section 2  1.5 mm²  Connection cross-section 2  1.5 mm²  Connection cross-section 2  1.5 mm²  Connection cross-section 2 min.  1.5 mm²  Connection cross-section 2 max.  Connection cross-section 2 MWG  AWG  Connection cross-section 2 NWG  1.5 mm²  Connection cross-section 2 NWG min.  1.5 mm²  Connection cross-section 2 NWG min.  1.5 mw²  Connection type  Seal  Silicone  Weight  400 g  Weight  Mounting / Installation  Connection type  Connection type 2  solder  Components		25 A GL
Ambient conditions         -60 °C +75 °C           Ambient temperature         -76 °F +167 °F           Mechanical Data         Version           Version         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66 IP67           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Contact type         Pin contact           Connection cross-section         2.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section 2 min.         1.5 mm²           Connection cross-section 2 max.         1.5 mm²           Connection cross-section 2 2 AWG min.         16 AWG           Connection thread         M32 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         400 g           Weight (Installation)         0.88 lb           Connection type         crimp           Connection type 2         solder           Components	<u>'</u>	16 A GL
Ambient temperature         -60 ° C +75 ° C           Ambient temperature         -76 ° F +167 ° F           Mechanical Data           Version         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66 IP67           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Contact type         Pin contact           Connection cross-section         2.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section 2 min.         1.5 mm²           Connection cross-section 2 max.         1.5 mm²           Connection cross-section 2 max.         1.6 AWG           Connection cross-section 2 AWG min.         16 AWG           Connection thread         M32 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         400 g           Weight (Pintallation)         Connection type           Connection type         crimp           Connection type         crimp           C		
Ambient temperature         -76 °F +167 °F           Mechanical Data           Version         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66 IP67           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Contact type         Pin contact           Connection cross-section         2.5 mm²           Connection cross-section 2         1.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section 2 min.         1.5 mm²           Connection cross-section 2 max.         1.5 mm²           Connection cross-section 2 AWG min.         16 AWG           Connection cross-section 2 AWG min.         16 AWG           Connection thread         M32 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         400 g           Weight for the properties of	Ambient temperature	-60 °C +75 °C
Mechanical Data         Ex e flange socket, reverse           Degree of protection (IP) (IEC 60529)         IP66 IP67           IP degree of protection (IEC 60079)         IP64           Base part         Coupling           Enclosure material         Stainless steel 1.4404           Contact type         Pin contact           Connection cross-section         2.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section 2 min.         1.5 mm²           Connection cross-section 2 max.         1.5 mm²           Connection cross-section 2 AWG min.         16 AWG           Connection cross-section 2 AWG min.         16 AWG           Connection tross-section 2 AWG min.         16 AWG           Connection thread         M32 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         400 g           Weight         400 g           Weight (IEC formonettion type 2         solder           Components	· · · · · · · · · · · · · · · · · · ·	
Degree of protection (IP) (IEC 60529)	<del>-</del>	
Degree of protection (IP) (IEC 60529)	Version	Ex e flange socket, reverse
IP67   IP degree of protection (IEC 60079)   IP64	Degree of protection (IP) (IEC 60529)	-
Base part Coupling Enclosure material Stainless steel 1.4404 Contact type Pin contact Connection cross-section 2.5 mm² Connection cross-section 2 1.5 mm² Connection cross-section AWG 14 AWG Connection cross-section AWG 16 AWG Connection cross-section 2 min. 1.5 mm² Connection cross-section 2 min. 1.5 mm² Connection cross-section 2 max. 1.5 mm² Connection cross-section 2 AWG min. 16 AWG Connection cross-section 2 AWG min. 16 AWG Connection tross-section 2 AWG max. 16 AWG Connection tross-section 2 AWG max. 16 AWG Connection thread M32 x 1.5 Impact strength (IEC 60079) 7 J Coding 1-3, arbitrary Seal Silicone Weight 400 g Weight 0.88 lb  Mounting / Installation Connection type crimp Connection type 2 solder Components	3 ,	
Enclosure material Stainless steel 1.4404  Contact type Pin contact  Connection cross-section 2.5 mm²  Connection cross-section 2 1.5 mm²  Connection cross-section AWG 14 AWG  Connection cross-section AWG 16 AWG  Connection cross-section 2 min. 1.5 mm²  Connection cross-section 2 max. 1.5 mm²  Connection cross-section 2 AWG min. 16 AWG  Connection cross-section 2 AWG min. 16 AWG  Connection cross-section 2 AWG max. 16 AWG  Connection thread M32 x 1.5  Impact strength (IEC 60079) 7 J  Coding 1-3, arbitrary  Seal Silicone  Weight 400 g  Weight 0.88 lb  Mounting / Installation  Connection type crimp  Connection type 2 solder  Components	IP degree of protection (IEC 60079)	IP64
Contact type Pin contact  Connection cross-section 2.5 mm²  Connection cross-section 2 1.5 mm²  Connection cross-section AWG 14 AWG  Connection cross-section AWG 16 AWG  Connection cross-section 2 min. 1.5 mm²  Connection cross-section 2 max. 1.5 mm²  Connection cross-section 2 AWG min. 16 AWG  Connection cross-section 2 AWG min. 16 AWG  Connection thread M32 x 1.5  Impact strength (IEC 60079) 7 J  Coding 1-3, arbitrary  Seal Silicone  Weight 400 g  Weight 0.88 lb  Mounting / Installation  Connection type crimp  Connection type 2 solder  Components	Base part	Coupling
Connection cross-section 2.5 mm² Connection cross-section AWG 14 AWG Connection cross-section AWG 16 AWG Connection cross-section 2 min. 1.5 mm² Connection cross-section 2 min. 1.5 mm² Connection cross-section 2 max. 1.5 mm² Connection cross-section 2 AWG min. 16 AWG Connection cross-section 2 AWG max. 16 AWG Connection thread M32 x 1.5 Impact strength (IEC 60079) 7 J Coding 1-3, arbitrary Seal Silicone Weight 400 g Weight 400 g Weight 0.88 lb  Mounting / Installation Connection type 2 solder Components	Enclosure material	Stainless steel 1.4404
Connection cross-section 2         1.5 mm²           Connection cross-section AWG         14 AWG           Connection cross-section AWG         16 AWG           Connection cross-section 2 min.         1.5 mm²           Connection cross-section 2 max.         1.5 mm²           Connection cross-section 2 AWG min.         16 AWG           Connection thread         M32 x 1.5           Impact strength (IEC 60079)         7 J           Coding         1-3, arbitrary           Seal         Silicone           Weight         400 g           Weight         0.88 lb           Mounting / Installation           Connection type         crimp           Connection type 2         solder           Components	Contact type	Pin contact
Connection cross-section AWG 14 AWG  Connection cross-section AWG 16 AWG  Connection cross-section 2 min. 1.5 mm²  Connection cross-section 2 max. 1.5 mm²  Connection cross-section 2 AWG min. 16 AWG  Connection cross-section 2 AWG max. 16 AWG  Connection thread M32 x 1.5  Impact strength (IEC 60079) 7 J  Coding 1-3, arbitrary  Seal Silicone  Weight 400 g  Weight 400 g  Weight 0.88 lb  Mounting / Installation  Connection type crimp  Connection type 2 solder  Components	Connection cross-section	2.5 mm²
Connection cross-section 2 min. 1.5 mm² Connection cross-section 2 max. 1.5 mm² Connection cross-section 2 AWG min. 16 AWG Connection cross-section 2 AWG min. 16 AWG Connection cross-section 2 AWG max. 16 AWG Connection thread M32 x 1.5 Impact strength (IEC 60079) 7 J Coding 1-3, arbitrary Seal Silicone Weight 400 g Weight 400 g Weight 0.88 lb  Mounting / Installation Connection type crimp Connection type 2 solder  Components	Connection cross-section 2	1.5 mm²
Connection cross-section 2 min.  Connection cross-section 2 max.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG min.  16 AWG  Connection tross-section 2 AWG max.  16 AWG  Connection thread  M32 x 1.5  Impact strength (IEC 60079)  7 J  Coding  1-3, arbitrary  Seal  Silicone  Weight  400 g  Weight  0.88 lb  Mounting / Installation  Connection type  Connection type 2  solder  Components	Connection cross-section AWG	14 AWG
Connection cross-section 2 max.  Connection cross-section 2 AWG min.  Connection cross-section 2 AWG max.  16 AWG  Connection thread  M32 x 1.5  Impact strength (IEC 60079)  Coding  1-3, arbitrary  Seal  Silicone  Weight  400 g  Weight  0.88 lb  Mounting / Installation  Connection type  Connection type  Connection type 2  Solder  Components	Connection cross-section AWG	16 AWG
Connection cross-section 2 AWG min. 16 AWG Connection cross-section 2 AWG max. 16 AWG Connection thread M32 x 1.5 Impact strength (IEC 60079) 7 J Coding 1-3, arbitrary Seal Silicone Weight 400 g Weight 400 g Weight 0.88 lb  Mounting / Installation Connection type crimp Connection type 2 solder  Components	Connection cross-section 2 min.	1.5 mm²
Connection cross-section 2 AWG max. 16 AWG  Connection thread M32 x 1.5  Impact strength (IEC 60079) 7 J  Coding 1-3, arbitrary  Seal Silicone  Weight 400 g  Weight 400 g  Weight 0.88 lb  Mounting / Installation  Connection type crimp  Connection type 2 solder  Components	Connection cross-section 2 max.	1.5 mm²
Connection thread M32 x 1.5 Impact strength (IEC 60079) 7 J Coding 1-3, arbitrary Seal Silicone Weight 400 g Weight 0.88 lb  Mounting / Installation Connection type crimp Connection type 2 solder  Components	Connection cross-section 2 AWG min.	16 AWG
Impact strength (IEC 60079)	Connection cross-section 2 AWG max.	16 AWG
Coding 1-3, arbitrary  Seal Silicone  Weight 400 g  Weight 0.88 lb  Mounting / Installation  Connection type crimp  Connection type 2 solder  Components	Connection thread	M32 x 1.5
Seal Silicone  Weight 400 g  Weight 0.88 lb  Mounting / Installation  Connection type crimp  Connection type 2 solder  Components	Impact strength (IEC 60079)	7 J
Weight 400 g  Weight 0.88 lb  Mounting / Installation  Connection type crimp  Connection type 2 solder  Components	Coding	1-3, arbitrary
Weight 0.88 lb  Mounting / Installation  Connection type crimp  Connection type 2 solder  Components	Seal	Silicone
Mounting / Installation  Connection type crimp  Connection type 2 solder  Components	Weight	400 g
Connection type crimp Connection type 2 solder  Components	Weight	0.88 lb
Connection type 2 solder  Components	Mounting / Installation	
Components	Connection type	crimp
	Connection type 2	solder
	Components	
	Protective cap available	Yes

## miniCON plug connector



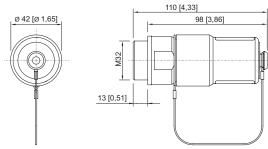
#### 8595/1-CS1-S-P25-00E Art. No. 286619

### **Technical Drawings – Subject to Alterations**



- Code disk
- 4.2 4.1 1.1 2.2 2.3 3.1 2.1 5.1 5.2 5.3 5.4 Protective cap Coupling basic part
- Insulator
- PE contact (only for metal variant)
- Contacts Contact holder
- Earthing ring
- Clamping disc Ex e adapter
- Seal

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



8595/1 Ex e flange socket

### **Accessories**

EMC/shielding		Art. No.	
00	To create an EMC-compliant connection of braided, shielded or reinforced conductors.	307512	
Ex e device plug, re	everse	Art. No.	
	Enclosure material: Stainless steel 1.4404 Contact type: Socket contact Connection cross-section: 2.5 mm² Number of poles: 7 P + PE/8 P Connection type: Crimping	286583	
Crimping tool		Art. No.	
	For all versions with crimp connection of 0.14 to 6 mm <sup>2</sup>	295689	

# miniCON plug connector



## 8595/1-CS1-S-P25-00E Art. No. 286619

Contact mounts/po	ositioners 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
daptor		Art. No.
0000	KIT 8595 stainless steel adaptor, M20 x 1.5, for installation in Ex e enclosure	304565
	KIT 8595 stainless steel adaptor, M25 x 1.5, for installation in Ex e enclosure	304567
	KIT 8595 stainless steel adaptor, M32 x 1.5, for installation in Ex e enclosure	286166
Pin contact		Art. No.
	KIT 8595 pin contacts (2.5 mm²), 8 pieces	286158
Code disks		Art. No.
000	KIT coding plate 8595, four colours, without labelling Customer-specific labelling available on request	289939
Reducer		Art. No.
	CMP-737DR Reducer M32 x 1.5 - M20 x 1.5 Stainless steel	281583
	CMP-737DR Reducer M32 x 1.5 - M25 x 1.5 Stainless steel	281586

## **Spare Parts**

lam nut, nickel-p	am nut, nickel-plated brass	
	Material: Nickel-plated brass One piece Thread size: M32	110869
ontact holder fo	r pin contact	Art. No
	KIT 8595 pin contact insert + PE	286148
rotective cap		Art. No
0	KIT 8595 coupling protective cap (pin) Incl. KIT 8595 coding plates, four colours, without labelling	286160

miniCON plug connector



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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.