



Ex Plug Connector mini CLIX Series 8591

- For use in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Available as
 - flange socket
 - device plug
 - plug / coupler
- Material
 - polyamide
 - brass, nickel-plated
 - stainless steel
- Connection options
 - crimp / leads
 - Spring cage terminal
- Can be used for bus-applications up to 100 MBit/s
- Suitable for rugged industrial conditions
 - IP 66 / IP 68
 - ambient temperature - 55 °C ... + 75 °C

STAHL

The new Ex plug-and-socket connector „mini CLIX“ from R. STAHL is especially uncomplicated and can be used in a multitude of applications.

Now it's possible to carry installation and maintenance tasks in Zones 1 & 2, 21 & 22 without first obtaining „hot works“ permissions.

Hot Swap - plug-in and plug-out while energized - is now even possible for non-intrinsically-safe circuits.

Can be used even for fieldbus installation because of the high transmission rate of 100 MBit/s.

Zones 1 & 2, 21 & 22

miniCLIX pull - twist - pull

Maintenance-friendly

Handling

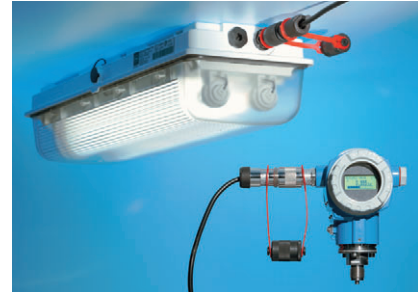
- safe, fast disconnection under load
- no specialist personnel required
- no hot work permission required
- Coded to prevent confusion

Cable terminal

- crimp terminal or spring clamp terminal
- direct connection via led-out single conductors
- option for connection of armoured cables

Example applications

- power connection for explosion protected devices
- plug-in signal and data line
- pre-wiring of power supply systems
- installation and assembly
- expansion, exchange and conversion
- modernisation
- maintenance and servicing



10713E00

Bus-enabled

Data transmission

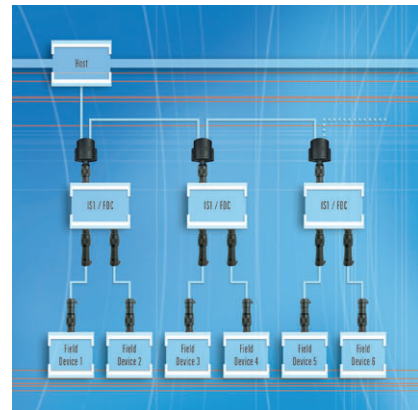
- up to 100 MBit/s
- perfectly shielded
- option for additional power supply

Advantages

- suitable for high data rates
- can be installed and maintained conveniently
- no need to switch off the entire fieldbus system in the case of repair
- easy modification and conversion
- y-adaptor for looping through data and power supply lines

Example applications

- particularly suitable for non-intrinsically safe fieldbus applications
- FF H1-Bus, Profibus PA, Profibus DP
- Industrial Ethernet



10708E00

Flexible

Flexibility

- clear, fast installation
- modifications to the connections or terminals can be made at any time
- option for extension of electrical installations during operation
- easy disconnection of individual areas

Installation

- simply screw into existing openings and wire

Example applications

- socket outlets and junction boxes
- direct connection to Ex d housings (CUBEx)
- setting up patch boards in hazardous areas



10703E00

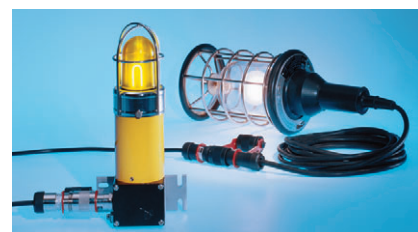
Portable

Advantages

- variable and changeable
- safe
- fast
- simple and poses no problems

Example applications

- connection lines and extension cables
- connection of transportable apparatus in hazardous areas
- in conjunction with servicing interfaces
- installation in the SolConeX plug and socket connector



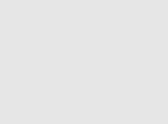

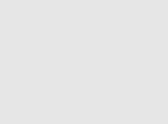


10704E00






Ex Plug Connector mini CLIX Series 8591

Selection table



Version	Material	Number of pins	Voltage	Coding	Ordering code		
 Coupler, plastic 10203E00	Plastic	2 P + $\underline{\text{⏚}}$	110 V AC	04 h	8591/13.-04-0.0.		
			230 V AC	06 h	8591/13.-06-0.0.		
			24 V AC	12 h	8591/13.-12-0.0.		
		4 P ^{*)}	Bus	02 h	8591/13.-02-0.0.		
		4 P	24 V DC	08 h	8591/13.-08-0.0.		
		4 P + $\underline{\text{⏚}}$ ^{**) (***)}	Bus + Shield	01 h	8591/431-01-0.0.		
			24 V DC + Shield	05 h	8591/43.-05-0.0.		
			230 V AC + Shield	10 h	8591/43.-10-0.0.		
			110 V AC	04 h	8591/13.-04-3.0.		
		 Coupler, metal 10200E00	Brass	2 P + $\underline{\text{⏚}}$	230 V AC	06 h	8591/13.-06-3.0.
24 V AC	12 h				8591/13.-12-3.0.		
4 P ^{*)}	Bus				02 h	8591/13.-02-3.0.	
4 P	24 V DC			08 h	8591/13.-08-3.0.		
4 P + $\underline{\text{⏚}}$ ^{**) (***)}	Bus + Shield			01 h	8591/431-01-3.0.		
	24 V DC + Shield			05 h	8591/43.-05-3.0.		
	230 V AC + Shield			10 h	8591/43.-10-3.0.		
	110 V AC			04 h	8591/13.-04-1.0.		
 Coupler, metal, for armoured cables 06470E00	Stainless steel			2 P + $\underline{\text{⏚}}$	230 V AC	06 h	8591/13.-06-1.0.
					24 V AC	12 h	8591/13.-12-1.0.
		4 P ^{*)}	Bus		02 h	8591/13.-02-1.0.	
		4 P	24 V DC	08 h	8591/13.-08-1.0.		
		4 P + $\underline{\text{⏚}}$ ^{**) (***)}	Bus + Shield	01 h	8591/431-01-1.0.		
			24 V DC + Shield	05 h	8591/43.-05-1.0.		
			230 V AC + Shield	10 h	8591/43.-10-1.0.		
			110 V AC	04 h	8591/13.-04-4.01		
		 Coupler, metal, for armoured cables 06470E00	Brass, for armoured cables	2 P + $\underline{\text{⏚}}$ ^{**) (***)}	230 V AC	06 h	8591/13.-06-4.01
					24 V AC	12 h	8591/13.-12-4.01
4 P	Bus				02 h	8591/131-02-4.01	
4 P ^{**) (***)}	24 V DC			08 h	8591/13.-08-4.01		
4 P + $\underline{\text{⏚}}$ ^{**) (***)}	Bus + Shield			01 h	8591/431-01-4.01		
	24 V DC + Shield			05 h	8591/43.-05-4.01		
	230 V AC + Shield			10 h	8591/43.-10-4.01		
	110 V AC			04 h	8591/13.-04-2.01		
 Coupler, metal, for armoured cables 06470E00	Stainless steel, for armoured cables			2 P + $\underline{\text{⏚}}$ ^{**) (***)}	230 V AC	06 h	8591/13.-06-2.01
					24 V AC	12 h	8591/13.-12-2.01
		4 P	Bus		02 h	8591/13.-02-2.01	
		4 P ^{**) (***)}	24 V DC	08 h	8591/13.-08-2.01		
		4 P + $\underline{\text{⏚}}$ ^{**) (***)}	Bus + Shield	01 h	8591/431-01-2.01		
			24 V DC + Shield	05 h	8591/43.-05-2.01		
			230 V AC + Shield	10 h	8591/43.-10-2.01		
			110 V AC	04 h	8591/13.-04-2.01		
		Add. to ordering code					
		Connection	Crimp 1,5 mm ² ^{***)}		8591/..1-... ..		
Crimp 2,5 mm ² ^{***)}			8591/..2-... ..				
Spring clamp			8591/..6-... ..				
^{*)} only crimp 1,5 mm ² and spring clamp connection possible ^{**)} only crimp 1,5 mm ² and crimp 2,5 mm ² connection possible ^{***)} metal version with cables 1,5 mm ² resp. 2,5 mm ² ; cable length approx 30 cm							
Locking mechanism	without (standard)		8591/... ..0..				
	with		8591/... ..9..				
Cable entry	unarmoured cables:		∅ 4 mm ... 7,5 mm	8591/... ..1			
	armoured cables:		∅ 12 mm ... 19 mm	8591/... ..2			
	∅ 7,5 mm ... 11 mm		8591/... ..2				
Note	Further information about codings please see table „Proposed coding of connectors“						

STAHL




Selection table								
Version	Material	Number of pins	Voltage	Coding	Ordering code			
 Plug, plastic <small>10208E00</small>	Plastic	2 P + \perp	110 V AC	04 h	8591/17.-04-0.0.			
			230 V AC	06 h	8591/17.-06-0.0.			
			24 V AC	12 h	8591/17.-12-0.0.			
		4 P ^{*)}	Bus	02 h	8591/17.-02-0.0.			
			4 P	24 V DC	08 h	8591/17.-08-0.0.		
			4 P + \perp ^{**) (**) (***)}	Bus + Shield	01 h	8591/471-01-0.0.		
				24 V DC + Shield	05 h	8591/47.-05-0.0.		
			230 V AC + Shield	10 h	8591/47.-10-0.0.			
			 Plug, metal <small>10209E00</small>	Brass	2 P + \perp	110 V AC	04 h	8591/17.-04-3.0.
						230 V AC	06 h	8591/17.-06-3.0.
24 V AC	12 h	8591/17.-12-3.0.						
4 P ^{*)}	Bus	02 h			8591/17.-02-3.0.			
	4 P	24 V DC			08 h	8591/17.-08-3.0.		
	4 P + \perp ^{**) (**) (***)}	Bus + Shield			01 h	8591/471-01-3.0.		
		24 V DC + Shield			05 h	8591/47.-05-3.0.		
	230 V AC + Shield	10 h			8591/47.-10-3.0.			
	 Plug, metal, for armoured cables <small>06468E00</small>	Brass, for armoured cables			2 P + \perp ^{**) (**) (***)}	110 V AC	04 h	8591/17.-04-4.01
						230 V AC	06 h	8591/17.-06-4.01
24 V AC			12 h	8591/17.-12-4.01				
4 P			Bus	02 h	8591/17.-02-4.01			
			4 P ^{**) (**) (***)}	24 V DC	08 h	8591/17.-08-4.01		
			4 P + \perp ^{**) (**) (***)}	Bus + Shield	01 h	8591/471-01-4.01		
				24 V DC + Shield	05 h	8591/47.-05-4.01		
			230 V AC + Shield	10 h	8591/47.-10-4.01			
			Stainless steel, for armoured cables	Stainless steel	2 P + \perp ^{**) (**) (***)}	110 V AC	04 h	8591/17.-04-1.0.
						230 V AC	06 h	8591/17.-06-1.0.
24 V AC	12 h	8591/17.-12-1.0.						
4 P ^{*)}	Bus	02 h			8591/17.-02-1.0.			
	4 P	24 V DC			08 h	8591/17.-08-1.0.		
	4 P + \perp ^{**) (**) (***)}	Bus + Shield			01 h	8591/471-01-1.0.		
		24 V DC + Shield			05 h	8591/47.-05-1.0.		
	230 V AC + Shield	10 h			8591/47.-10-1.0.			
	Stainless steel, for armoured cables	Stainless steel, for armoured cables			2 P + \perp ^{**) (**) (***)}	110 V AC	04 h	8591/17.-04-2.01
						230 V AC	06 h	8591/17.-06-2.01
24 V AC			12 h	8591/17.-12-2.01				
4 P			Bus	02 h	8591/17.-02-2.01			
			4 P ^{**) (**) (***)}	24 V DC	08 h	8591/17.-08-2.01		
			4 P + \perp ^{**) (**) (***)}	Bus + Shield	01 h	8591/471-01-2.01		
				24 V DC + Shield	05 h	8591/47.-05-2.01		
			230 V AC + Shield	10 h	8591/47.-10-2.01			
			Add. to ordering code					
			Connection	Crimp 1,5 mm ² ^{****)}				8591/..1-... ..
Crimp 2,5 mm ² ^{****)}				8591/..2-... ..				
Spring clamp				8591/..6-... ..				
^{*)} only crimp 1,5 mm ² and spring clamp connection possible ^{**)} only crimp 1,5 mm ² and crimp 2,5 mm ² connection possible ^{****)} metal version with cables 1,5 mm ² resp. 2,5 mm ² ; cable length approx 30 cm								
Locking mechanism	without (standard)				8591/.....0..			
	with				8591/.....9..			
Cable entry	unarmoured cables:	\varnothing 4 mm ... 7,5 mm			8591/.....1			
	armoured cables:	\varnothing 12 mm ... 19 mm						
		\varnothing 7,5 mm ... 11 mm			8591/.....2			
Note	Further information about codings please see table „Proposed coding of connectors“							

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Selection table							
Version	Material	Number of pins	Voltage	Coding	Ordering code		
 10201E00 Flange socket, plastic	Plastic	2 P + \perp	110 V AC	04 h	8591/18.-04-0.01		
			230 V AC	06 h	8591/18.-06-0.01		
			24 V AC	12 h	8591/18.-12-0.01		
		4 P	Bus	02 h	8591/181-02-0.01		
			24 V DC	08 h	8591/18.-08-0.01		
			4 P + \perp	Bus + Shield	01 h	8591/481-01-0.01	
		4 P + \perp	24 V DC + Shield	05 h	8591/48.-05-0.01		
			230 V AC + Shield	10 h	8591/48.-10-0.01		
			 10204E00 Flange socket, metal	Brass	2 P + \perp	110 V AC	04 h
		230 V AC				06 h	8591/18.-06-3.01
24 V AC	12 h	8591/18.-12-3.01					
4 P	Bus	02 h			8591/181-02-3.01		
	24 V DC	08 h			8591/18.-08-3.01		
	4 P + \perp	Bus + Shield			01 h	8591/481-01-3.01	
4 P + \perp	24 V DC + Shield	05 h			8591/48.-05-3.01		
	230 V AC + Shield	10 h			8591/48.-10-3.01		
	Stainless steel	2 P + \perp			110 V AC	04 h	8591/18.-04-1.01
230 V AC					06 h	8591/18.-06-1.01	
24 V AC			12 h	8591/18.-12-1.01			
4 P		Bus	02 h	8591/181-02-1.01			
		24 V DC	08 h	8591/18.-08-1.01			
		4 P + \perp	Bus + Shield	01 h	8591/481-01-1.01		
4 P + \perp		24 V DC + Shield	05 h	8591/48.-05-1.01			
		230 V AC + Shield	10 h	8591/48.-10-1.01			
		Brass with thread 1/2" NPT	2 P + \perp	110 V AC	04 h	8591/18.-04-6.01	
230 V AC				06 h	8591/18.-06-6.01		
24 V AC	12 h			8591/18.-12-6.01			
4 P	Bus		02 h	8591/181-02-6.01			
	24 V DC		08 h	8591/18.-08-6.01			
	4 P + \perp		Bus + Shield	01 h	8591/481-01-6.01		
4 P + \perp	24 V DC + Shield		05 h	8591/48.-05-6.01			
	230 V AC + Shield		10 h	8591/48.-10-6.01			
	Stainless steel with thread 1/2" NPT		2 P + \perp	110 V AC	04 h	8591/18.-04-5.01	
230 V AC				06 h	8591/18.-06-5.01		
24 V AC		12 h		8591/18.-12-5.01			
4 P		Bus	02 h	8591/181-02-5.01			
		24 V DC	08 h	8591/18.-08-5.01			
		4 P + \perp	Bus + Shield	01 h	8591/481-01-5.01		
4 P + \perp		24 V DC + Shield	05 h	8591/48.-05-5.01			
		230 V AC + Shield	10 h	8591/48.-10-5.01			
		Add. to ordering code					
Connection		Crimp 1,5 mm ² ***)				8591/..1-... ..	
	Crimp 2,5 mm ² ***) ***) metal version with cables 1,5 mm ² resp. 2,5 mm ² ; cable length approx 30 cm				8591/..2-... ..		
Locking mechanism	without (standard)				8591/... ..0..		
	with				8591/... ..9..		
Note	Further information about codings please see table „Proposed coding of connectors“						



Selection table

Version	Material	Number of pins	Voltage	Coding	Ordering code
 <p>10202E00 Device plug, metal, for Ex d enclosures with volume > 2 litre</p>	Brass	2 P + \downarrow	110 V AC	04 h	8591/16.-04-3.01
			230 V AC	06 h	8591/16.-06-3.01
			24 V AC	12 h	8591/16.-12-3.01
		4 P	Bus	02 h	8591/161-02-3.01
			24 V DC	08 h	8591/16.-08-3.01
			4 P + \downarrow	Bus + Shield	01 h
		24 V DC + Shield		05 h	8591/46.-05-3.01
		230 V AC + Shield		10 h	8591/46.-10-3.01
		Stainless steel	2 P + \downarrow	110 V AC	04 h
	230 V AC			06 h	8591/16.-06-1.01
	24 V AC			12 h	8591/16.-12-1.01
	4 P		Bus	02 h	8591/161-02-1.01
			24 V DC	08 h	8591/16.-08-1.01
			4 P + \downarrow	Bus + Shield	01 h
	24 V DC + Shield			05 h	8591/46.-05-1.01
	230 V AC + Shield			10 h	8591/46.-10-1.01
	Brass with thread 1/2" NPT		2 P + \downarrow	110 V AC	04 h
		230 V AC		06 h	8591/16.-06-6.01
		24 V AC		12 h	8591/16.-12-6.01
		4 P	Bus	02 h	8591/161-02-6.01
			24 V DC	08 h	8591/16.-08-6.01
			4 P + \downarrow	Bus + Shield	01 h
		24 V DC + Shield		05 h	8591/46.-05-6.01
		230 V AC + Shield		10 h	8591/46.-10-6.01
Stainless steel with thread 1/2" NPT		2 P + \downarrow	110 V AC	04 h	8591/16.-04-5.01
	230 V AC		06 h	8591/16.-06-5.01	
	24 V AC		12 h	8591/16.-12-5.01	
	4 P	Bus	02 h	8591/161-02-5.01	
		24 V DC	08 h	8591/16.-08-5.01	
		4 P + \downarrow	Bus + Shield	01 h	8591/461-01-5.01
	24 V DC + Shield		05 h	8591/46.-05-5.01	
	230 V AC + Shield		10 h	8591/46.-10-5.01	
	Add. to ordering code				
Connection	Crimp 1,5 mm ² ***)				8591/..1-... ..
	Crimp 2,5 mm ² ***) ***) metal version with cables 1,5 mm ² resp. 2,5 mm ² ; cable length approx 30 cm				8591/..2-... ..
Locking mechanism	without (standard)				8591/.....0..
	with				8591/.....9..
Note	Further information about codings please see table „Proposed coding of connectors“				



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Selection table

















Version	Material	Number of pins	Voltage	Coding	Ordering code		
 10205E00 Device plug, plastic	Plastic	2 P + \downarrow	110 V AC	04 h	8591/19.-04-0.01		
			230 V AC	06 h	8591/19.-06-0.01		
			24 V AC	12 h	8591/19.-12-0.01		
		4 P	Bus	02 h	8591/191-02-0.01		
			24 V DC	08 h	8591/19.-08-0.01		
			4 P + \downarrow	Bus + Shield	01 h	8591/491-01-0.01	
		4 P + \downarrow	24 V DC + Shield	05 h	8591/49.-05-0.01		
			230 V AC + Shield	10 h	8591/49.-10-0.01		
			 10202E00 Device plug, metal, for Ex d enclosures with volume < 2 litre	Brass	2 P + \downarrow	110 V AC	04 h
		230 V AC				06 h	8591/19.-06-3.01
24 V AC	12 h	8591/19.-12-3.01					
4 P	Bus	02 h			8591/191-02-3.01		
	24 V DC	08 h			8591/19.-08-3.01		
	4 P + \downarrow	Bus + Shield			01 h	8591/491-01-3.01	
4 P + \downarrow	24 V DC + Shield	05 h			8591/49.-05-3.01		
	230 V AC + Shield	10 h			8591/49.-10-3.01		
	Stainless steel	2 P + \downarrow			110 V AC	04 h	8591/19.-04-1.01
230 V AC					06 h	8591/19.-06-1.01	
24 V AC			12 h	8591/19.-12-1.01			
4 P		Bus	02 h	8591/191-02-1.01			
		24 V DC	08 h	8591/19.-08-1.01			
		4 P + \downarrow	Bus + Shield	01 h	8591/491-01-1.01		
4 P + \downarrow		24 V DC + Shield	05 h	8591/49.-05-1.01			
		230 V AC + Shield	10 h	8591/49.-10-1.01			
		Brass with thread 1/2" NPT	2 P + \downarrow	110 V AC	04 h	8591/19.-04-6.01	
230 V AC				06 h	8591/19.-06-6.01		
24 V AC	12 h			8591/19.-12-6.01			
4 P	Bus		02 h	8591/191-02-6.01			
	24 V DC		08 h	8591/19.-08-6.01			
	4 P + \downarrow		Bus + Shield	01 h	8591/491-01-6.01		
4 P + \downarrow	24 V DC + Shield		05 h	8591/49.-05-6.01			
	230 V AC + Shield		10 h	8591/49.-10-6.01			
	Stainless steel with thread 1/2" NPT		2 P + \downarrow	110 V AC	04 h	8591/19.-04-5.01	
230 V AC				06 h	8591/19.-06-5.01		
24 V AC		12 h		8591/19.-12-5.01			
4 P		Bus	02 h	8591/191-02-5.01			
		24 V DC	08 h	8591/19.-08-5.01			
		4 P + \downarrow	Bus + Shield	01 h	8591/491-01-5.01		
4 P + \downarrow		24 V DC + Shield	05 h	8591/49.-05-5.01			
		230 V AC + Shield	10 h	8591/49.-10-5.01			
		Add. to ordering code					
Connection		Crimp 1,5 mm ² ***)				8591/..1-... ..	
	Crimp 2,5 mm ² ***) ***) metal version with cables 1,5 mm ² resp. 2,5 mm ² ; cable length approx 30 cm				8591/..2-... ..		
Locking mechanism	without (standard)				8591/... ..0..		
	with				8591/... ..9..		
Note	Further information about codings please see table „Proposed coding of connectors“						

STAHL

Technical Data		Plastic	Metal (Ex e)	Metal (Ex d)	
Test torque	Screw-in treads (M 20 x 1.5)				
	angled adaptor	2.5 Nm	2.5 Nm	3.5 Nm	
	flanged socket	2.5 Nm	2.5 Nm	3.5 Nm	
	device plug	2.5 Nm	2.5 Nm	3.5 Nm	
	Coupling ring	2.5 Nm	2.5 Nm	2.5 Nm	
	Protective cap	2.5 Nm	2.5 Nm	2.5 Nm	
	Pressure screw with strain relief	2.5 Nm	3.5 Nm	--	
Weight	Lock-screws	1.0 Nm	--	--	
		Plastic	Metal	Metal - armoured version	
	Coupler ¹⁾	8591/3.-.-.-.-.	approx 54 g	approx 118 g	approx 215 g
	Plug	8591/7.-.-.-.-.	approx 53 g	approx 148 g	approx 250 g
	Flange socket ¹⁾	8591/8.-.-.-.-.	approx 37 g	approx 128 g	--
	Device plug ¹⁾	8591/9.-.-.-.-.	approx 41 g	approx 141 g	--
	Angled adaptor	8591/11.-.-.-.-.	approx 26 g	approx 164 g	--
Protective cap:					
for plug / device plug		approx 10 g	approx 44 g		
for coupler / flange socket		approx 13 g	approx 80 g		
¹⁾ Weight including plastic protective cap					





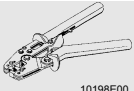





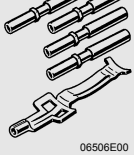
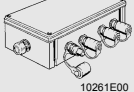

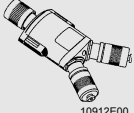
Proposed coding of connectors

Turn down nose/notch (6 h)
All other codings result out of this position

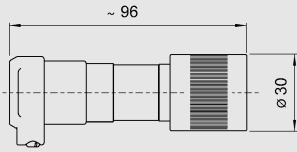
Voltage	Number of pins	Coding	Couper / Flange socket	Plug / Device plug	Proposed colour coding
Bus	4 P	2 h	 10905E00	 10906E00	green
Bus + Shield	4 P + \perp *	1 h	 10903E00	 10904E00	without
24 V AC	2 P + \perp	12 h	 10237E00	 10259E00	without
110 V ... 130 V AC	2 P + \perp	4 h	 10234E00	 10256E00	yellow
230 V ... 250 V AC	2 P + \perp	6 h	 10235E00	 10257E00	red
	4 P + \perp *	10 h	 10236E00	 10258E00	blue
24 V DC	4 P + \perp *	5 h	 06452E00	 06474E00	green / red
	4 P	8 h	 10238E00	 10260E00	grey

* with PE bracket



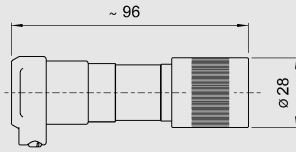
Accessories and spare parts			
Designation	Illustration	Description	Ordering code
Angled adaptor	 10212E00	plastic (polyamide resin)	8591/110-00-0001
Angled adaptor	 10213E00	brass, nickel-plated	8591/110-00-3001
Protective cap for coupler, flange socket	 10211E00	plastic (polyamide resin)	4646180
		brass, nickel-plated	4646160
Protective cap for plug, device plug	 10210E00	plastic (polyamide resin)	4646190
		brass, nickel-plated	4646170
Crimping tool	 10198E00	up to 4 mm ² , for all versions with crimp connectors	4618990
Twist protection	 10891E00	for flange socket and device plug	8591801290
Strain relief	 10892E00	with gasket and plate \varnothing 4 mm ... 7,5 mm	8591802290
		with gasket and plate \varnothing 7,5 mm ... 11 mm	8591803290
Male connectors	 06507E00	4 x 1,5 mm ² for plug	4646220
		4 x 2,5 mm ² for plug	4646230
		4 x 1,5 mm ² for plug (incl. PE connection, PE longer)	4646240
		4 x 2,5 mm ² for plug (incl. PE connection, PE longer)	4646250
Male connectors + PE bracket	 06508E00	4 x 1,5 mm ² + PE bracket for plug	4646340
		4 x 2,5 mm ² + PE bracket for plug	4646350
Female connectors	 06505E00	4 x 1,5 mm ² for coupler or flange socket	4646260
		4 x 2,5 mm ² for coupler or flange socket	4646270
Female connectors + PE bracket	 06506E00	4 x 1,5 mm ² + PE bracket for coupler or flange socket	4646360
		4 x 2,5 mm ² + PE bracket for coupler or flange socket	4646370
Distribution box	 10261E00	with 1, 2, 4 or 6 branches (flange socket: plastic or metal) in plastic or metal	on request
Y-Adapter with cable gland	 10664E00	for looping of data, signal or power lines; can be used for fieldbus cables	see Data Sheet 8592
Y-Adapter with connectors	 10912E00	for looping of data, signal or power lines; all connections plugable	see Data Sheet 8593

Dimension drawings (all dimensions in mm) - subject to alterations

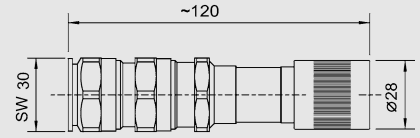


8591/7...-0.0 Plug
(plastic)

10218E00



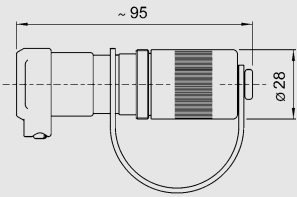
8591/7...-0.0 Plug
(metal)



8591/7...-0.01 Plug
for armoured cables
(metal)

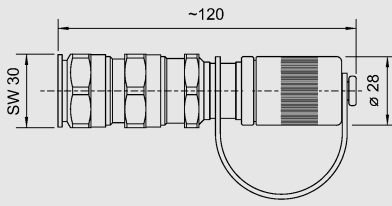
10217E00

10914E00



8591/3...-0.0 Coupler
(plastic, metal)

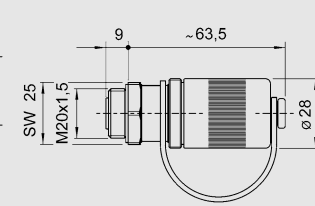
10219E00



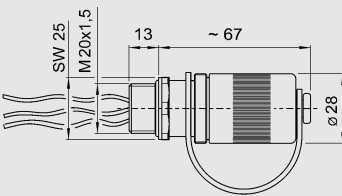
8591/3...-0.01 Coupler
for armoured cables
(metal)

10915E00

10220E00

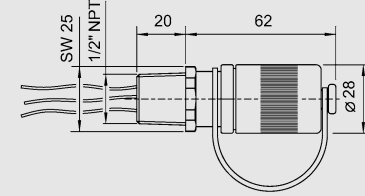


8591/8...-0.01 Flange socket
(plastic)



8591/8...-0.01 Flange socket
(metal)

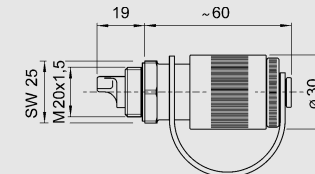
10221E00



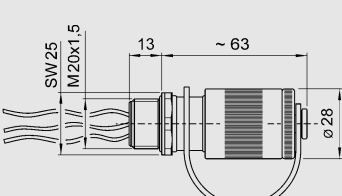
8591/8...-0.01 Flange socket
with thread 1/2" NPT
(metal)

10916E00

10222E00

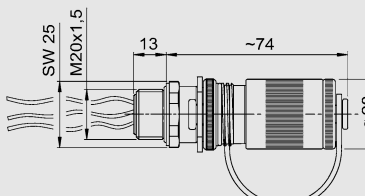


8591/9...-0.01 Device plug
(plastic)



8591/9...-0.01 Device plug
for Ex d enclosures with volume < 2 l
(metal)

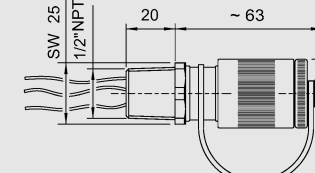
10223E00



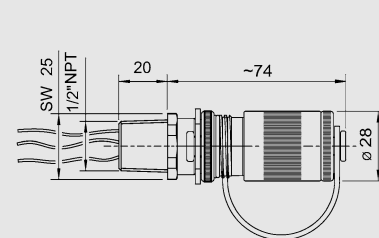
8591/9...-0.01 Device plug
for Ex d enclosures with volume > 2 l
(metal)

10913E00

10917E00

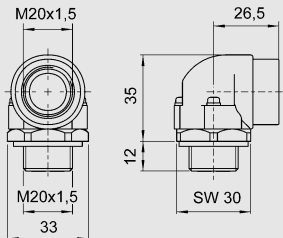


8591/9...-0.01 Device plug
with thread 1/2" NPT;
for Ex d enclosures with volume < 2 l
(metal)



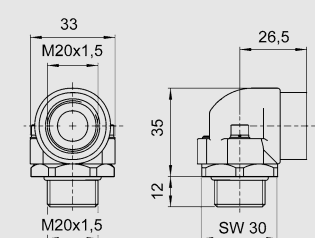
8591/6...-0.01 Device plug
with thread 1/2" NPT;
for Ex d enclosures with volume > 2 l
(metal)

10930E00



8591/11...-0.01 Angled adaptor
(plastic)

10216E00



8591/11...-0.01 Angled adaptor
(metal)

10215E00



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