

# G-EDSWU-M20S-S66L-STES-S - Cable gland



1411089

<https://www.phoenixcontact.com/us/products/1411089>

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Cable gland, material for screw connection: Stainless steel 316L, application: Ex, external cable diameter 9.5 mm ... 15.9 mm, shielding: yes, connecting thread: M20 x 1.5, color: silver-colored

## Product description

Cable gland, for armored cables (SWA / AWA / PWA / STA / SWB / ASA / CY / SY)

## Your advantages

- If space is restricted at the fixing location of the screw connection, the armor can be attached at a location where there is more room to move. Final assembly can then be easily completed in the restricted space conditions at the fixing location of the screw connection.
- Armor connected via PE cone
- Weatherproof sealing material

## Commercial data

Item number	1411089
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DDX
GTIN	4046356922029
Weight per piece (including packing)	175.3 g
Weight per piece (excluding packing)	169.66 g
Customs tariff number	73269098
Country of origin	GB

## Technical data

### Notes

Notes on the product family	with seal for conductor outer and inner jacket
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### Mounting

Assembly note	With integrated grounding cones, sealed to IP66/IP67/IP68 thanks to the use of the A-SEW-20-P-W flat gasket (item 1411283)
	If space is restricted at the fixing location of the screw connection, the armor can be attached at a location where there is more room to move. Final assembly can then be easily completed in the restricted space conditions at the fixing location of the screw connection.

### Product properties

Product type	Cable screw gland
Application	Ex
No. of conductors	1
Manufacturer	CMP
Manufacturer Designation	20S TRITON CDS S. STEEL GLAND
Manufacturer product number	20ST3CDS1RA4
Shielded	yes
Execution of the strain relief	D

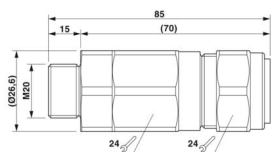
### Ex data

Cable types that can be used	Depending on the material of the housing wall (SWA/AWA/PWA/STA/ASA/CY/SY/SWB)
Suited for EX-applications	yes

### Characteristics

Category of shock impact	8
Cable diameter without cable sheath	6.1 mm ... 11.7 mm
Cable diameter without armor	6.1 mm ... 11.7 mm (Filler beneath the armor)
Design, Strain relief	D

### Dimensions

Dimensional drawing	
Length	85 mm
Length of the connecting thread	15 mm
Wrench size, union nut	24 mm
Wrench size, support	24 mm

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Hexagon angular dimension	26.4 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm
Armor thickness	0.8 mm ... 1.25 mm (Stepped cone side (SWA/...))
	0 mm ... 0.8 mm (Grooved cone side (STA/...))

## Material specifications

Color	Steel/stainless steel color
Seal material Cable seal	EPDM
Material for screw connection	Stainless steel 316L

## Cable/line

External cable diameter	9.5 mm ... 15.9 mm
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66 (using the corresponding A-SEW-...P-W flat gasket)
	IP67 (using the corresponding A-SEW-...P-W flat gasket)
	IP68 (using the corresponding A-SEW-...P-W flat gasket)
Ambient temperature (operation)	-60 °C ... 130 °C (static)

## Approvals

ATEX	Sira 13ATEX1073X
	Sira 13ATEX4079X
	Ex II 2G, II 1D, Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da, Ex II 3G Ex nR IIC Gc, Ex I M2, Ex d I Mb, Ex e I Mb
IECEX	IECEX SIR 13.0028X
	Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da, Ex d I Mb, Ex e I Mb

## Standards and regulations

### EN Ex

Standards/specifications	EN 60079-0, -1, -7, -15, -31
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### IEC Ex

Standards/specifications	IEC 60079-0, -1, -7, -15, -31
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### Cable glands

Standards/specifications	EN 50262
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### Cable glands

Standards/specifications	IEC 62444
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### Cable glands

Standards/specifications	BS 6121: Part 1:1989
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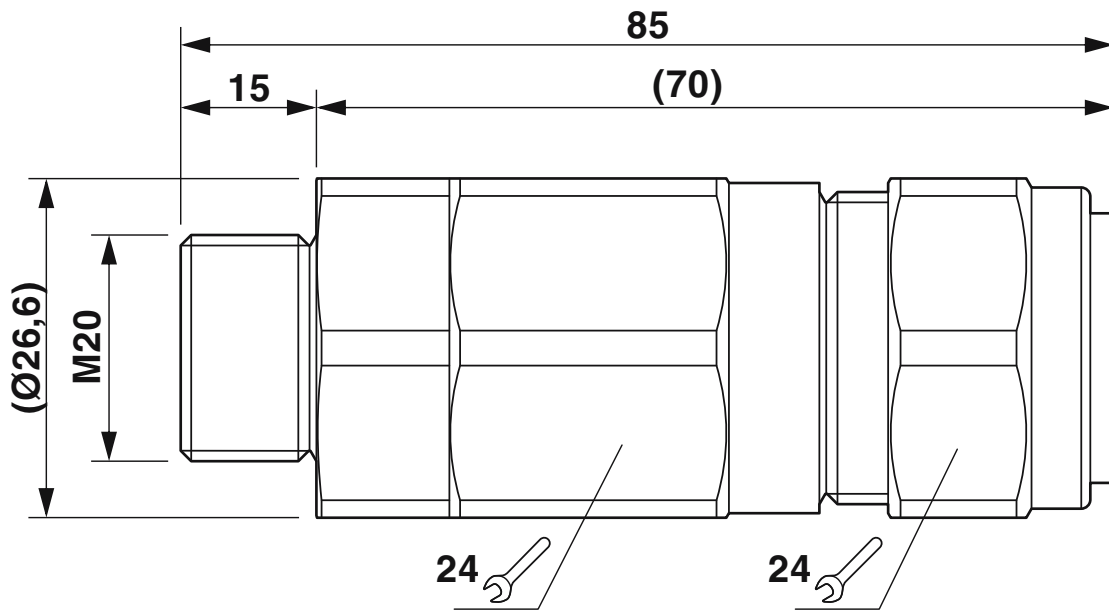


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

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**UL Listed**

Approval ID: E200163



**EAC Ex**

Approval ID: RU C-GB.AA87.B.00487



**IECEX**

Approval ID: IECEX SIR 13.0028X



**CSA**

Approval ID: 101909\_0\_000



**CSAus**

Approval ID: 101909\_0\_000



**ATEX**

Approval ID: CML 18ATEX1326X



**ATEX**

Approval ID: CML 18ATEX4318X

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## Classifications

### ECLASS

ECLASS-13.0	27140802
ECLASS-15.0	27140802

### ETIM

ETIM 10.0	EC000441
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### UNSPSC

UNSPSC 21.0	39121300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	8d6ea8ee-f3aa-4db5-8f27-83c6a9ce07e9

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