

# G-EDSWU-M20-M66L-STES-S - Cable gland



1411091  
<https://www.phoenixcontact.com/us/products/1411091>

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Cable gland, material for screw connection: Stainless steel 316L, application: Ex, external cable diameter 12.5 mm ... 20.9 mm, shielding: yes, connecting thread: M20 x 1.5, color: silver

## 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	1411091
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	BF7DDX
Catalog page	Page 653 (C-3-2019)
GTIN	4046356922043
Weight per piece (including packing)	250.72 g
Weight per piece (excluding packing)	250.72 g
Customs tariff number	73269098
Country of origin	GB

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## Technical data

### Notes

General	with seal for conductor outer and inner jacket
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### Mounting

Assembly instructions	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.
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### Product properties

Product type	Full screw connection
Application	Ex
No. of conductors	1
Manufacturer	CMP
Manufacturer Designation	20 TRITON CDS S. STEEL GLAND
Manufacturer product number	20T3CDS1RA4
Shielded	yes
Execution of the strain relief	D

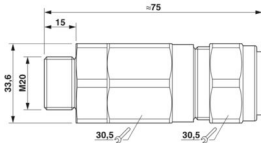
### Ex data

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	6.5 mm ... 14 mm
Cable diameter without armor	6.5 mm ... 14 mm (Filler beneath the armor)
Design, Strain relief	D

### Dimensions

Dimensional drawing	
Length	75 mm
Length of the connecting thread	15 mm
Wrench size, union nut	30.5 mm

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Wrench size, support	30.5 mm
Hexagon angular dimension	33.6 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
Seal material Cable seal	EPDM
Material for screw connection	Stainless steel 316L

## Cable/line

External cable diameter ( )	12.5 mm ... 20.9 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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### IEC Ex

Standards/specifications	IEC 61241-0:2004
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## Classifications

### ECLASS

ECLASS-11.0	27144432
ECLASS-12.0	27140801
ECLASS-13.0	27140801

### ETIM

ETIM 9.0	EC000441
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### UNSPSC

UNSPSC 21.0	39121300
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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