

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



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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

## 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	10 pc
Sales key	BF68
Product key	BF7DDX
Catalog page	Page 653 (C-3-2019)
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

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



1411089

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

## Technical data

### Notes

General	with seal for conductor outer and inner jacket
---------	--

### 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.
-----------------------	---

### Product properties

Product type	Full screw connection
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

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



1411089

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

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
Seal material Cable seal	EPDM
Material for screw connection	Stainless steel 316L

## Cable/line

External cable diameter ( )	9.5 mm ... 15.9 mm
-----------------------------	--------------------

## 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
--------------------------	------------------------------

### IEC Ex

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

### Cable glands

Standards/specifications	EN 50262
--------------------------	----------

### Cable glands

Standards/specifications	IEC 62444
--------------------------	-----------

### Cable glands

Standards/specifications	BS 6121: Part 1:1989
--------------------------	----------------------

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



1411089

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

## Classifications

### ECLASS

ECLASS-11.0	27144432
ECLASS-12.0	27140801
ECLASS-13.0	27140802

### ETIM

ETIM 9.0	EC000441
----------	----------

### UNSPSC

UNSPSC 21.0	39121300
-------------	----------

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



1411089

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

## 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"

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)