

CMP-20T3CDS Art. No. 246561



- Cable entry with multi-functional holder for different types of armour
- Compensating displacement seal (CDS), flood seal with integral protection, controlled outer load retention seal
- EMC-tested, worldwide certification in accordance with IECEx, ATEX, TR CU, UL and cCSAus

MY R. STAHL T3CDSA



T3CDS series metal Ex d and Ex e cable entries are suitable for all types of armoured cables, i.e. for SWA, braid- and tape-type steel and aluminium armouring. They feature a multi-functional holder for the armouring and various seals. They are also designed to prevent cold flow and are EMC-tested. Their auxiliary functions and the sequential, three-stage installation offer increased safety and reduce the amount of time, the costs and the risks involved in installation.

### Technical Data

#### Explosion Protection

Ex version	Ex e & Ex d & Ex nR & Ex ta
Application range (zones)	1 2 20 21 22
IECEX gas certificate	IECEX CML 18.0183X
IECEX gas explosion protection	Ex db IIC Gb
IECEX dust certificate	IECEX CML 18.0183X
IECEX dust explosion protection	Ex ta IIIC Da
IECEX firedamp certificate	IECEX CML 18.0183X
IECEX firedamp protection	Ex db I Mb
IECEX firedamp protection 2	Ex eb I Mb
IECEX restricted breathing certificate	IECEX CML 18.0183X
IECEX restricted breathing	Ex nR IIC Gc
ATEX gas certificate	CML 18ATEX1326X
ATEX gas explosion protection	Ex II 2 G Ex db IIC Gb
ATEX dust certificate	CML 18ATEX1326X
ATEX dust explosion protection	Ex II 1 D Ex ta IIIC Da
ATEX firedamp certificate	CML 18ATEX1326X
ATEX firedamp protection	Ex I M2 Ex db I Mb
ATEX firedamp protection 2	Ex I M2 Ex eb I Mb
ATEX restricted breathing certificate	CML 18ATEX4318X
ATEX restricted breathing	Ex II 3 G Ex nR IIC Gc
Notes	The product certification and certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> )

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### Ambient Conditions

Ambient temperature	-60 °C ... +130 °C
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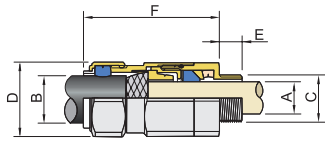
### Mechanical Data

Version	20
Strain relief	No
Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used.
Degree of protection (IP) UL	IP66
Sealing material	SOLO LSF
Sealing ring material	Viton
Material	Nickel-plated brass
Silicone-free	Yes
Halogen-free	Yes
Number of cables	1
Clamping range	12.5 – 20.9 mm
Armouring type	All armouring
Armouring type 2	Without lead sheath
Armouring type 3	With double seal
Clamping range	12.5 ... 20.9 mm
Max. number of cores	0
Construction type	BS 6121, IEC/EN 62444
Width across corners	33.6 mm
Width across flats	30.5 mm
Thread size	M20
Thread length	15 mm
Thread pitch	1,5
Thread standard	metric
Gland size	20
Grooved cone	0.4 ... 1 mm
Stepped cone	0.8 ... 1.25 mm
Inner sheath	6.5 ... 13.9 mm
Max. internal conduit diameter	0 mm
Min. inner conduit diameter	0 mm
Outer sheath	12.5 ... 20.9 mm
Min. outer conduit diameter	0 mm
Max. external conduit diameter	0 mm
Protrusion length	76.2 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC06
Lot size	1
Weight	280 g
Weight	0.62 lb

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**Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations**



- A = Inner sheath
- B = Outer sheath
- C = Thread size
- D = Width across corners
- D = Width across flats
- E = Thread length
- F = Protrusion length

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.