

CMP-50T3CDS Art. No. 246566



- Ex d and Ex e cable gland with multifunctional holder for different types of armouring
- Compensating displacement seal (CDS), flood seal with integral protection, controlled outer load retention seal
- EMC-tested, globally certified in accordance with IECEx, ATEX, TR CU, UL and cCSAus

MY R. STAHL T3CDSA



The Series T3CDS metal Ex d and Ex e cable glands are suitable for all types of armoured cables, i.e. for SWA, wire-braid and tape armouring made of steel and aluminium. They have a multifunctional 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, costs and risks involved in installation.

Technical Data

Explosion Protection

Area of application	EAC India UL CCC Canada (CSA) TUV European Union (ATEX) IECEX UKEX
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 eb 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	CML18ATEX1326X
ATEX gas certificate 2	CML18ATEX4318X
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC Gb
ATEX dust certificate	CML18ATEX1326X
ATEX dust explosion protection	Ex II 1 D Ex ta IIIC Da
ATEX firedamp certificate	CML18ATEX1326X
ATEX firedamp protection	Ex I M2 Ex db I Mb

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Explosion Protection

ATEX firedamp protection 2	Ⓔ I M2 Ex eb I Mb
ATEX restricted breathing certificate	CML18ATEX1326X
ATEX restricted breathing	Ⓔ II 3 G Ex nR IIC Gc
Notes	The product certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)

Ambient Conditions

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

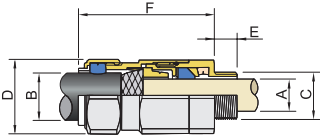
Version	50
Strain relief	No
Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting according to the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used.
Degree of protection (IP) UL	IP66
Sealing material	SOLO LSF
Sealing ring material	Viton
Material	Nickel-plated brass
Silicone-free	Yes
Halogen-free	Yes
Number of cables	1
Clamping range	40.4 – 53 mm
Armouring type	All armouring
Armouring type 2	Without lead sheath
Armouring type 3	With double seal
Clamping range	40.4 ... 53 mm
Max. number of cores	0
Construction type	BS 6121, IEC/EN 62444
Width across corners	77.1 mm
Width across flats	70.1 mm
Thread size	M50
Thread length	15 mm
Thread pitch	1,5
Thread standard	metric
Gland size	50
Grooved cone	0.6 ... 1.6 mm
Stepped cone	2 ... 2.5 mm
Inner sheath	35.6 ... 44 mm
Max. internal conduit diameter	0 mm
Min. inner conduit diameter	0 mm
Outer sheath	40.4 ... 53 mm
Min. outer conduit diameter	0 mm
Max. external conduit diameter	0 mm
Protrusion length	105.8 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J

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Mechanical Data

PVC boot	PVC21
Lot size	1
Weight	1.6 kg
Weight	3.53 lb

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.