



- Designed for use in North America
- Version with NPT thread
- Operating temperature range: -60 °C to +110 °C
- Class I Zone 1, 21 AEx e and Zone 2, 22 Class I Div. 2 Groups ABCD
- CE Code Class I Zone 1 Ex e and Class I Div. 2 Groups ABCD
- Worldwide certification, IECEX, ATEX and cCSAus

E10

MY R. STAHL TCA



There is a removable insert inside the cable glands which enables an expanded cable diameter range. An integrated connection thread seal is included in the standard version. They have worldwide certification according to cCSAus, IECEX and ATEX.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•	•	•	•

Selection Table							
Thread standard	NPT						
Thread size	Inner sheath	Width across flats	Width across corners	Protrusion length	PVC boot	Art. No.	Weight
NPT1	17 ... 26.3 mm	46 mm	50.6 mm	41.9 mm	PVC11	254297	110 g
NPT1/2	3.2 ... 7 mm	30.5 mm	33.6 mm	30.5 mm	PVC05	254294	50 g
	6.5 ... 14 mm	30.5 mm	33.6 mm	30.5 mm	PVC05	254295	100 g
NPT1-1/2	31 ... 38.2 mm	60 mm	66 mm	41.9 mm	PVC21	254299	170 g
NPT1-1/4	23.5 ... 32.2 mm	52 mm	57.2 mm	41.9 mm	PVC13	254298	140 g
NPT2	35.6 ... 44.1 mm	70 mm	75.6 mm	41.4 mm	PVC21	254300	240 g
	41.5 ... 50.1 mm	70 mm	77 mm	44.2 mm	PVC28	254311	240 g
NPT2-1/2	47.2 ... 56 mm	90 mm	97.2 mm	44.2 mm	PVC28	254312	380 g
	54 ... 62 mm	90 mm	99 mm	45.5 mm	PVC31	254313	380 g
NPT3	61.1 ... 68 mm	110 mm	118.8 mm	45.5 mm	PVC31	254314	670 g
NPT3/4	11.1 ... 20 mm	37.5 mm	41.3 mm	31.5 mm	PVC09	254296	50 g

Inner sheath: max. possible cable dia. range. The cable diameter range can vary when the reducer seal insert is removed or added (reducer seal insert included with delivery). Versions with country code BRA, CHN and others available on request.

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex db IIC Gb
IECEX gas explosion protection 2	Ex eb IIC Gb
ATEX gas explosion protection	⊕ II 2 G Ex db IIC Gb
ATEX gas explosion protection 2	⊕ II 2 G Ex eb IIC Gb
ATEX dust explosion protection	⊕ II 1 D Ex ta IIIC Da

Technical Data

Explosion Protection

Notes The product certification and certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)

Ex version Ex e & Ex d & Ex ta

Ambient Conditions

Ambient temperature -60 °C ... +110 °C

Mechanical Data

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.

Material Nickel-plated brass

Sealing material SOLO LSF

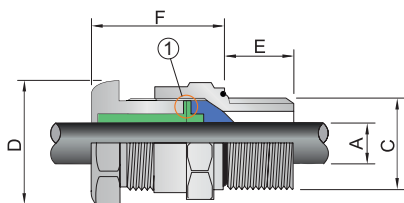
Armouring type Unarmoured TRAY cables

Construction type BS 6121, IEC/EN 62444

Silicone-free Yes

Impact strength 20 J

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



1 = removable reduction sealing insert
 A = Inner sheath C = Thread size
 D = Width across corners D = Width across flats
 E = Thread length F = Protrusion length