

CRUX Cable Glands for Non-Armoured Cables with Flexible Conduit Fitting

Technical Details				
Material	Body, Cap	Brass, Brass Nickel Plated, Stainless Steel		
	Inner Parts	Brass, Brass Nickel Plated, Stainless Steel		
	Seal	Halogen Free Silicone		
	O-ring	Halogen Free Silicone		
Ingress Protection Rating		IP 68 - 5 Bar, 30 min IP 66		
Operating Temperature		Seal Material Silicone -60°C to +130°C		
Equipment For		Gas & Dust potentially explosive atmospheres		
Suitable for use in		Group II	Gas Group IIC	ZONE1/ZONE2
		Group III	Dust Group IIIC	ZONE21/ZONE 22
Equipment Marking		Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db		
Thread Type		• Metric (M) ISO Pitch 1.5 • NPT (N) ANSI ASME B1.20.1 • Other thread types also available upon request.		
Cable Type		Non-armoured & Braided when terminated inside enclosure		
Accessories		• Lock nuts • Deluge Seal • Gaskets (Washers) • Serrated Washers • Earth tags • Shroud		
Remarks		• Accessories must be ordered separately.		
Approvals	Certificate Number	Standards		
	In progress	In progress		
	In progress	In progress		
	In progress	In progress		
	In progress	In progress		
	In progress	In progress		
	In progress	In progress		
-For details of approvals, see our website. * The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.				

Crux Flex.
Con. Fitting



Order Coding									
Part Number	Material	Seal	-	Gasket (Washer)	Serrated Washer	Lock Nut	Shroud	Earth Tag	Deluge Seal
Mandatory	Mandatory	Mandatory	-	Option	Option	Option	Option	Option	Option
See table	B Brass BN Brass nickel plated X Stainless steel 316L	S Silicone	-	WS Silicone	WSR Serrated washer	L Lock nut	S Shroud	E Earth tag	D Deluge Seal
Example									
CRXC1SM	BN	S	-	WS	WSR	L	S	E	D

Hazardous Applications

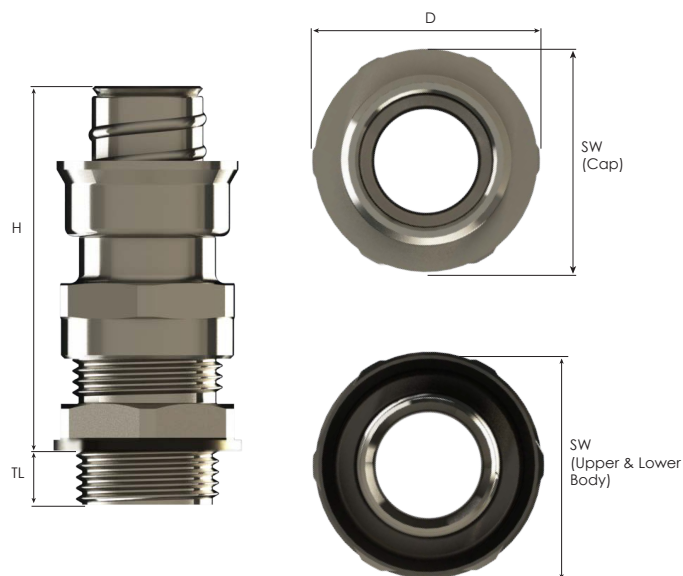
EX - e CRUX Flexible Conduit Fitting

Gas&Dust / Metal Products / Cable Glands for Armoured Cables

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CRUX

Cable Glands for Non-Armoured Cables with Flexible Conduit Fitting



Hazardous Applications

Thread Type METRIC acc. To ISO 965-3											
Outer Thread Size	Clamping Range	Outer Thread Length	Max. Height	Spanner Width		Outer Ø	Ferrule Type				Part Number
	Ø min-max mm	TL mm	H	SW Body mm	SW Cap mm	D mm	S	Standard	L	XL	
M12	3.0 - 8.0	9.0	75.0	16.0	16.0	18.0	5/16"	3/8"	1/2"	3/4"	CRXC0SM
M16	3.0 - 8.0	9.0	75.0	20.0	20.0	22.0	5/16"	3/8"	1/2"	3/4"	CRXC0ISM
	5.5 - 12.0	9.0	80.0	2.0	20.0	22.0		1/2"	3/4"	1"	CRXC0IM
M20	3.0 - 8.0	9.0	75.0	24.0	16.0	26.5	5/16"	3/8"	1/2"	3/4"	CRXC1XSM
	5.5 - 12.0	9.0	80.0	24.0	20.0	26.5		1/2"	3/4"	1"	CRXC1SM
	9.0 - 16.0	9.0	85.0	24.0	24.0	26.5		3/4"	1"	1 1/4"	CRXC1M
M25	9.0 - 16.0	9.0	85.0	30.0	24.0	33.0		3/4"	1"	1 1/4"	CRXC2SM
	12.0 - 20.0	9.0	98.0	30.0	30.0	33.0		1"	1 1/4"	1 1/2"	CRXC2M
M32	12.0 - 20.0	9.0	98.0	36.0	30.0	39.8		1"	1 1/4"	1 1/2"	CRXC3SM
	16.0 - 26.0	9.0	105.0	36.0	36.0	39.8		1 1/4"	1 1/2"		CRXC3M
M40	16.0 - 26.0	9.0	105.0	46.0	36.0	51.0		1 1/4"	1 1/2"		CRXC4SM
	20.0 - 33.0	9.0	115.0	46.0	46.0	51.0		1 1/2"	2"		CRXC4M
M50	20.0 - 33.0	9.0	115.0	55.0	46.0	61.0		1 1/2"	2"		CRXC5SM
	29.0 - 41.0	9.0	130.0	55.0	55.0	61.0		2"	2 1/2"		CRXC5M
M63	29.0 - 41.0	9.0	130.0	67.0	55.0	75.0		2"	2 1/2"		CRXC6SM
	36.0 - 52.0	9.0	140.0	67.0	65.0	75.0		2 1/2"	3"		CRXC6M
M75	36.0 - 52.0	9.0	140.0	80.0	65.0	89.0		2 1/2"	3"		CRXC7SM
	50.0 - 65.0	9.0	150.0	80.0	80.0	89.0		3"	4"		CRXC7M