

Rigid Conduit Swivel Fittings with Multihole Seal for Ex-e applications

PHOENIX



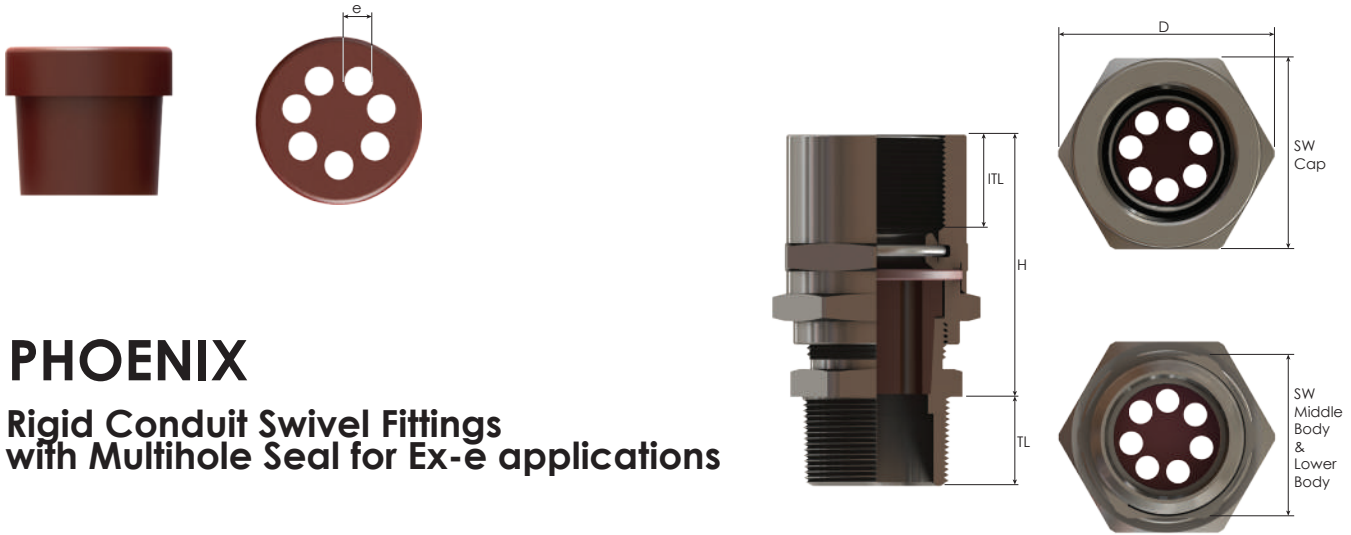
Technical Details			
Material	Body	Brass, Brass Nickel Plated, Stainless Steel 316L	
	Inner Parts	Stainless Steel	
	Seal	Silicone	
	O-ring	Silicone	
Ingress Protection Rating	IP 68 - 5 Bar, 30 min IP 66		
Operating Temperature	Seal Material	Silicone	
	Ex e/tb	-60°C to +80°C	
Equipment For	Gas & Dust potentially explosive atmospheres		
Suitable for use in	Group II	Gas Group IIC	ZONE1/ZONE2
	Group III	Dust Group IIC	ZONE21/ZONE 22
Equipment Marking	Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db		
Marking Example *	BMD SV.. CE 0722 II 2GD Ex eb IIC Gb Ex tb IIIC Db Ta-60°C +80°C IP66/68 IECEx IMQ 14.0002X IMQ 13 ATEX 029X		
Thread Type	<ul style="list-style-type: none"> • Metric (M) ISO Pitch 1,5 • Npt (N) ANSI ASME B1.20.1 • Other thread types also available upon request. • Other combinations: Metric-Metric/Npt-Npt/Npt-Metric 		
Cable Type	Non Armour		
Accessories	<ul style="list-style-type: none"> • Lock nuts • Gaskets (Washers) • Serrated Washers • Earth tags 		
Remarks	<ul style="list-style-type: none"> • Accessories must be ordered separately. • O-ring only available when male thread is Metric. 		
Approvals	Certificate Number	Standards	
	IMQ 13 ATEX 029X	EN 60079-0:2012+A11:2013 EN 60079-7:2015 EN 60079-31:2014	
	IECEx IMQ 14.0002X	IEC 60079-0:2011 Edition:6 IEC 60079-7:2015 Edition:5 IEC 60079-31:2013 Edition:2	
	№ TC RU C-TR.AA87.B.00941	ГОСТ 31610.0-2014 ГОСТ IEC 60079-1:2013 ГОСТ IEC 60079-31:2013	
	E-14044	IEC/EN60079-0, IEC/EN60079-7, IEC/EN60079-31, IEC/EN60079-1, IEC/EN 62444	

-For more information see our webpage.

* The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.



Order Coding									
Part Number #1	No. of Cores	Part Number #2	Material	Seal	Gasket (Washers)	Serrated Washer	Lock Nut	Earth Tag	
Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	- Option	Option	Option	Option	Option
See table	See table	See table	B Brass BN Brass Nickel plated X Stainless steel 316L	S Silicone	- WC Chloroprene WS Silicone WF Fiber	WSR Serrated washer	L Lock nut	E Earth tag	
Example									
SV	4	H301M1M	BN	S	- WC	WSR	L	E	



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Thread Type **METRIC** acc. to ISO 965-3 and NPT acc. to ANSI ASME B1.20.1

Outer Thread Size (Male)	Inner Thread Size (Female)	max. Number of Cores	Core Ø	Outer Thread Length	Inner Thread Length	Spanner Width			Outer Ø	max. Height	Part Number		
						Cap	Middle Body	Lower Body			#1	#2	
						SW Cap mm	SW Middle Body mm	SW Lower Body mm					
M20x1,5	M20x1,5	7	2,5	11,0	16,0	33	33	28	37,5	50,0	SV	H251M1M	
		4	3,0	11,0	16,0	33	33	28	37,5	50,0	SV	H301M1M	
	M25x1,5	7	2,5	11,0	16,0	33	33	28	37,5	50,0	SV	H251M2M	
		4	3,0	11,0	16,0	33	33	28	37,5	50,0	SV	H301M2M	
		NPT 3/4"	7	2,5	11,0	17,0	33	33	28	37,5	50,0	SV	H251M2N
4	3,0		11,0	17,0	33	33	28	37,5	50,0	SV	H301M2N		
M25x1,5	M20x1,5	7	2,5	11,0	16,0	33	33	28	37,5	48,0	SV	H252M1M	
		4	3,0	11,0	16,0	33	33	28	37,5	48,0	SV	H302M1M	
		3	3,6	11,0	16,0	33	33	28	37,5	48,0	SV	H362M1M	
		7	4,0	11,0	16,0	33	33	28	37,5	48,0	SV	H402M1M	
	M25x1,5	M25x1,5	7	2,5	11,0	16,0	33	33	28	37,5	48,0	SV	H252M2M
			4	3,0	11,0	16,0	33	33	28	37,5	48,0	SV	H302M2M
			3	3,6	11,0	16,0	33	33	28	37,5	48,0	SV	H362M2M
		NPT 3/4"	7	4,0	11,0	16,0	33	33	28	37,5	48,0	SV	H402M2M
			7	2,5	11,0	17,0	33	33	28	37,5	48,0	SV	H252M2N
			4	3,0	11,0	17,0	33	33	28	37,5	48,0	SV	H302M2N
NPT 3/4"	M20x1,5	3	3,6	16,0	16,0	33	33	28	37,5	48,0	SV	H362N1M	
		7	4,0	16,0	16,0	33	33	28	37,5	48,0	SV	H402N1M	
		7	2,5	16,0	16,0	33	33	28	37,5	48,0	SV	H252N1M	
		4	3,0	16,0	16,0	33	33	28	37,5	48,0	SV	H302N1M	
	M25x1,5	M25x1,5	3	3,6	16,0	16,0	33	33	28	37,5	48,0	SV	H362N2M
			7	4,0	16,0	16,0	33	33	28	37,5	48,0	SV	H402N2M
			7	2,5	16,0	17,0	33	33	28	37,5	48,0	SV	H252N2N
		NPT 3/4"	4	3,0	16,0	17,0	33	33	28	37,5	48,0	SV	H302N2N
			3	3,6	16,0	17,0	33	33	28	37,5	48,0	SV	H362N2N
			7	4,0	16,0	17,0	33	33	28	37,5	48,0	SV	H402N2N

