






## Rigid Conduit Swivel Fittings with Multihole Seal for Ex d/e applications

# PHOENIX



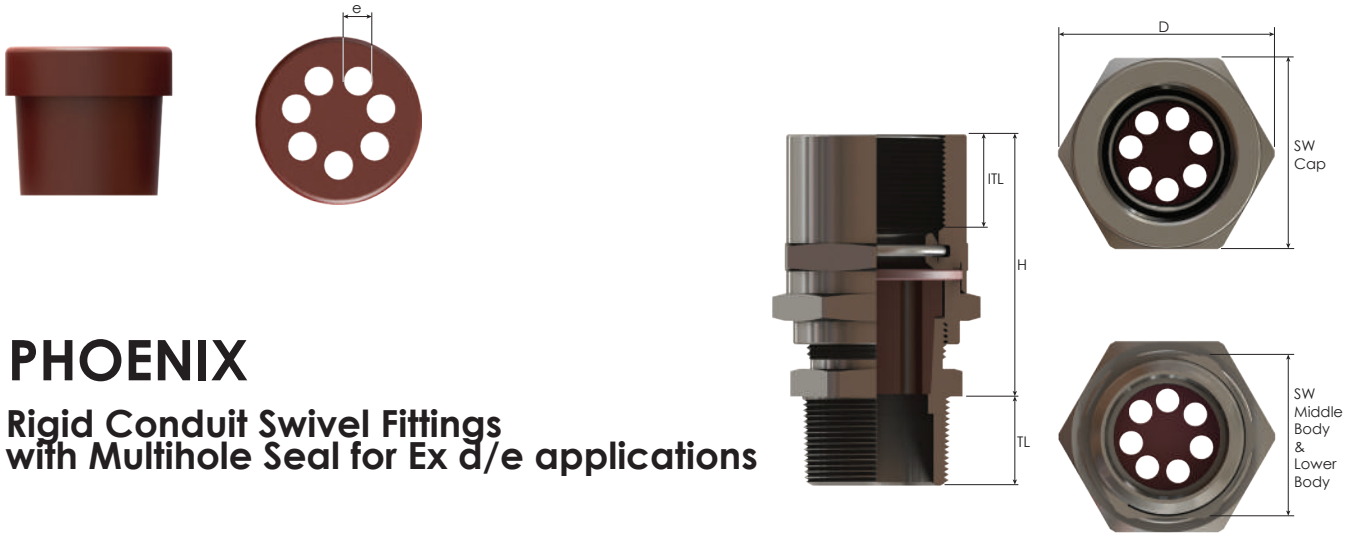
Technical Details			
<b>Material</b>	<b>Body</b>	Brass, Brass Nickel Plated, Stainless Steel 316L	
	<b>Inner Parts</b>	Stainless Steel	
	<b>Seal</b>	Silicone	
	<b>O-ring</b>	Silicone	
<b>Ingress Protection Rating</b>	IP 68 - 5 Bar, 30 min IP 66		
<b>Operating Temperature</b>	<b>Seal Material</b>	<b>Silicone</b>	
	<b>Ex e/tb</b>	-60°C to +80°C	
<b>Equipment For</b>	Gas & Dust potentially explosive atmospheres		
<b>Suitable for use in</b>	Group II	Gas Group IIC	ZONE1/ZONE2
	Group III	Dust Group IIC	ZONE21/ZONE 22
<b>Equipment Marking</b>	Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db		
<b>Marking Example *</b>	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		
<b>Thread Type</b>	<ul style="list-style-type: none"> <li>• Metric (M) ISO Pitch 1,5</li> <li>• Npt (N) ANSI ASME B1.20.1</li> <li>• Other thread types also available upon request.</li> <li>• Other combinations: Metric-Metric/Npt-Npt/Npt-Metric</li> </ul>		
<b>Cable Type</b>	Non Armour		
<b>Accessories</b>	<ul style="list-style-type: none"> <li>• Lock nuts</li> <li>• Gaskets (Washers)</li> <li>• Serrated Washers</li> <li>• Earth tags</li> </ul>		
<b>Remarks</b>	<ul style="list-style-type: none"> <li>• Accessories must be ordered separately.</li> <li>• O-ring only available when male thread is Metric.</li> </ul>		
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
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



# PHOENIX

## Rigid Conduit Swivel Fittings with Multihole Seal for Ex d/e applications

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 n	Core Ø e mm	Outer Thread Length TL mm	Inner Thread Length ITL mm	Spanner Width			Outer Ø D mm	max. Height H mm	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	H252N2M	
		4	3,0	16,0	16,0	33	33	28	37,5	48,0	SV	H302N2M	
	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

