

DATA SHEET:

ADAPTORS & REDUCERS

Ex approved Adaptors and Reducers are used to match enclosure entry threads with the cable gland or conduit when the threads differ, maintaining the hazardous location certification and the overall integrity of the installation.



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Approvals & Specifications

ATEX/IECEx Exd IIC Gb & Exe IIC Gb & Ex tb IIIC Db IP6X
IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7,
IEC/EN 60079-31, ATEX/2014/34/EU

NEC/CEC Class I, Division 1 Groups ABCD
Class II, EFG Class III
(>M50 Groups CD only)
UL1203, UL514B, UL50
C22.2 Nos. 30, 0.5, 0-M, 45, 18.3-04, 94-M91
AExd IIC / AExe II Class I, Zone 1

Thread Gauging Metric: 1.5mm Pitch- Medium Fit 6g/H
(Sizes M80 and larger are 2.0mm pitch as Standard)
NPT: Male L1 +/-1 Turn
Female L1+ 1/2 to + 2 Turns
Other Thread Forms Available on Application

Material Options Nickel Plated Brass 'N' (-100 to +150°C)
316 Stainless Steel 'S' (-100 to +850°C)

'O' Ring Options Nitrile (-30 to +90°C)
Silicone (-50 to +230°C)
Nitrile 'O' ring supplied as standard on versions with parallel male threads

Ingress Protection With 'O' Ring or Thread Sealant, (Non-Hardening) IP 66 68, NEMA 4X 316SS & Nickel Plated Brass.
Without 'O' Ring or Thread Sealant IP54

Impact Resistance 7Nm

Holes Clearance HLS Adaptors & Reducers are certified for Exe clearance hole applications, Type 'L1' locknuts are required to secure the installation

Part Number Structure

Example - A1.20.1/2.N.NT

Important Note—Always state the Male Thread first

- Adaptor with hexagon body
- M20 Male Thread
- 1/2" NPT Female Thread
- Nickel Plated Brass
- Nitrile 'O' Ring

Product		Body Style				
A	Adaptors	1	Hexagonal			
R	Reducers	2	Diameter			
Thread Designation						
Metric	NPT	NPS	ISO	ISO	ET	PG
16	1/2	1/2S	1/2P	1/2T	1/2E	7
20	3/4	3/4S	3/4P	3/4T	3/4E	9
25	1	1S	1P	1T	1E	11
32	1 1/4	1 1/4S	1 1/4P	1 1/4T	1 1/4E	13
40	1 1/2	1 1/2S	1 1/2P	1 1/2T	1 1/2E	16P
50	2	2S	2P	2T	2E	21
63	2 1/2	2 1/2S	2 1/2P	2 1/2T	2 1/2E	29
75	3	3S	3P	3T	3E	36
80	3 1/2	3 1/2S	3 1/2P	3 1/2T		42
85	4	4S	4P	4T		48
90						
95						
100						
<i>Note: Metric sizes M80 and larger are 2.0mm pitch is Standard, for 1.5mm pitch add *</i>						
Material		'O' Ring				
N	Nickel Plated Brass	NT	Nitrile (Std.)			
S	316 Stainless Steel	SC	Silicone			