

REDUCERS



Raxton Exd/Exe Reducers effectively reduce the threaded entry diameter of an enclosure to accept a gland or fitting with a smaller thread. Reducers may also be supplied to accept smaller glands of alternative threads.

Following the basic rules in line with good engineering practices, no more than one Reducer should be used at any one time. Stopping Plugs should be fitted directly into unused entries of the equipment and not into a Reducer.

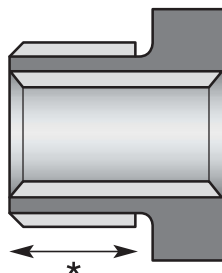
Metallic Reducers are supplied with a hexagonal head as standard. Where space is a critical factor, Reducers with a circular head can be offered with a diameter equal to the A/F dimension of the hexagonal head.

Nylon Reducers are Exe only and designed with a circular head. Exe Reducers are supplied with an 'O' ring to maintain the IP integrity of the installation.

Raxton Reducers are marked with the applicable approval number and size. Independently tested to IP68.

Product Dimensions

Thread	Metallic Thread A/F (mm)	Nylon Head Dia. (mm)		
M16	20.8	22.0		
M20	23.4	25.0		
M25	27.9	30.0		
M32	37.6	38.0		
M40	47.2	46.0		
M50	56.4	56.0		
M63	70.1	70.0		
M75	80.0	81.0		
M90	105.0	96.0		



* Minimum length of thread 10mm

Certification

Code of Protection Categories

ATEX: I M2, Ex d IMb, Ex e I Mb, or II G, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db

IECEx: Ex d I/IIC, Ex e I/IIC, Ex tb IIIC Db

CSA: Ex d IIC Class 1, Zone 1, AEx d IIC (Brass and Stainless only)

GOST: Exde/IICU, ExdeIIICU, ExeIIU

INMETRO: BR-Ex de 1/IIC Mb/Gb, BR-Ex tD A21 IP 66/67

Nylon Reducers only:

ATEX: II 2 GD, Ex e IIC Gb, Ex tb IIIC Db

IECEx: Ex e IIC Gb, Ex tb IIIC Db

GOST: ExeIIU

INMETRO: BR-Ex e IIC Gb, BR-Ex tD A21 IP 66/67

Compliance Standards

ATEX / INMETRO / GOST: EN 60079-0:2009, EN 60079-1: 2007, EN 60079-7: 2007, EN 60079-31:2008

IECEx: IEC 60079-0:2004, IEC 60079-1:2003, IEC 60079-7:2006-07

CSA : CAN/CSA-E79-0-95, CAN/CSA-E79-1-95, UL 2279 1997, IEC 60079-0:1998, IEC 60079-1:1998

Nylon Reducers only:

ATEX / INMETRO / GOST: EN 60079-0:2009, EN 60079-7: 2007, EN 60079-31:2009

IECEx: IEC 60079-0:2007, IEC 60079-7:2006, IEC 60079-31:2008

Certificate Details

ATEX : Sira 10ATEX1225X, Sira 10ATEX3335U

IECEx: IECEx SIR 07.0010X, IECEx SIR 10.0164U

CSA: CSA 200455-1003277 (Brass and Stainless only)

GOST: POCC GB.ГБ06.Б01060

INMETRO: NCC 5871/09 U

TEMPERATURE

The item is classified as a component and is therefore not given a temperature rating. Nylon temperature range -20°C to 65°C, 'O' ring -30°C to 125°C

GF Nylon is UL rated @ H.B. @ 1.5mm.

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Product Codes

DIGIT 1+2 Description (Reducers)	Code	DIGIT 3	Code	DIGIT 4 & 5 Male		DIGIT 6 & 7 Female		DIGIT 8		DIGIT 9		DIGIT 10	
		Material		Thread Reference		Approval		Special		Plating			
M-F HEX	BB	BRASS	A	M16	11	½" NPT	42	ATEX Exde	A	None (standard)	X or blank	None	Blank
M-F ROUND	BJ	ALUMINIUM	B	M20	12	¾" NPT	43	IECEx Exde	R	Customer Special	S	Nickel	N
		MILD STEEL	C	M25	13	1" NPT	44	For other approvals please see product coding list on page 28				Zinc	Z
		STAINLESS STEEL	E	M32	14	1¼" NPT	45					Chromatised	C
		GLASS FILLED NYLON	M	M40	15	1½" NPT	46					Special	S
				M50	16	2" NPT	47						
				M63	17	2½" NPT	48						
				M75	18	3" NPT	49						
				M90	81	3½" NPT	86						
				M100	82	4" NPT	87	Industrial	X or Blank				

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	Reducer	Stainless Steel	M32	M25	Exde	PART NUMBER
		BB	E	14	13	A