

Convertors & Accessories

Our comprehensive range of Adaptors and Reducers provide a method of matching threadforms on hazardous area approved equipment whilst ensuring the integrity and approval of the installation is maintained.

Manufactured in the UK, this new range of converters meets the latest ATEX / IECEx & CSA / UL standards. This means that all the standards are marked on the product around the main body. This allows for them to be seen easily once installed, a key component of the new standard.

Enlargers (/E) are used where the thread size of the Female side of the device is larger than the male side.

Reducers (/R) are used where the thread size of the female side of device is smaller than the male side.

Thread Converters (/TC) are used where a conversion is required between thread types, e.g Metric to PG.

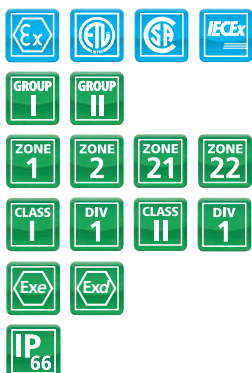
Kopex's Enlargers, Reducers and thread converters are designed for hazardous area applications and are certified to protection concepts Exd "Flameproof" and Exe "Increased Safety" for use in Zone 1, 2, 2.1, 2.2 applications. Under NEC Class I Div1 ABCD Class II Div1 EFG.

Metric - Technical Specification

Male External Thread	Metric Female Internal Thread				
	M16	M20	M25	M32	M40
M16		EX/M16-M20/E	EX/M16-M25/E		
M20	EX/M20-M16/R		EX/M20-M25/E	EX/M20-M32/E	
M25	EX/M25-M16/R	EX/M25-M20/R		EX/M25-M32/E	EX/M25-M40/E
M32	EX/M32-M16/R	EX/M32-M20/R	EX/M32-M25/R		EX/M32-M40/E
M40	EX/M40-M16/R	EX/M40-M20/R	EX/M40-M25/R	EX/M40-M32/R	
M50	EX/M50-M16/R	EX/M50-M20/R	EX/M50-M25/R	EX/M50-M32/R	EX/M50-M40/R
M63	EX/M63-M16/R	EX/M63-M20/R	EX/M63-M25/R	EX/M63-M32/R	EX/M63-M40/R
M75	EX/M75-M16/R	EX/M75-M20/R	EX/M75-M25/R	EX/M75-M32/R	EX/M75-M40/R
PG9	EX/PG9-M16/TC	EX/PG9-M20/TC			
PG11	EX/PG11-M16/TC	EX/PG11-M20/TC			
PG13	EX/PG13-M16/TC	EX/PG13-M20/TC			
PG16	EX/PG16-M16/TC	EX/PG16-M20/TC	EX/PG16-M25/TC		
PG21	EX/PG21-M16/TC	EX/PG21-M20/TC	EX/PG21-M25/TC	EX/PG21-M32/TC	
PG29	EX/PG29-M16/TC	EX/PG29-M20/TC	EX/PG29-M25/TC	EX/PG29-M32/TC	EX/PG29-M40/TC
PG36	EX/PG36-M16/TC	EX/PG36-M20/TC	EX/PG36-M25/TC	EX/PG36-M32/TC	EX/PG36-M40/TC
PG42	EX/PG42-M16/TC	EX/PG42-M20/TC	EX/PG42-M25/TC	EX/PG42-M32/TC	EX/PG42-M40/TC
PG48	EX/PG48-M16/TC	EX/PG48-M20/TC	EX/PG48-M25/TC	EX/PG48-M32/TC	EX/PG48-M40/TC
NPT 3/8	EX/038-M16/TC				
NPT 1/2	EX/050-M16/TC	EX/050-M20/TC	EX/050-M25/TC		
NPT 3/4	EX/075-M16/TC	EX/075-M20/TC	EX/075-M25/TC	EX/075-M32/TC	
NPT 1	EX/100-M16/TC	EX/100-M20/TC	EX/100-M25/TC	EX/100-M32/TC	EX/100-M40/TC
NPT 1 1/4	EX/125-M16/TC	EX/125-M20/TC	EX/125-M25/TC	EX/125-M32/TC	EX/125-M40/TC
NPT 1 1/2	EX/150-M16/TC	EX/150-M20/TC	EX/150-M25/TC	EX/150-M32/TC	EX/150-M40/TC
NPT 2	EX/200-M16/TC	EX/200-M20/TC	EX/200-M25/TC	EX/200-M32/TC	EX/200-M40/TC
NPT 2 1/2	EX/250-M16/TC	EX/250-M20/TC	EX/250-M25/TC	EX/250-M32/TC	EX/250-M40/TC
NPT 3	EX/300-M16/TC	EX/300-M20/TC	EX/300-M25/TC	EX/300-M32/TC	EX/300-M40/TC

Enlargers, Reducers & Convertors

Certification & Standards



Connector Description:

EX - Brass

EXN - Nickel Plated Brass

EXS - Stainless Steel 316

Certification Standard:

Baseefa07 ATEX 0247X, IECEx BAS07.0090X

Class I Div1 ABCD, Class II Div1 EFG

(does not include M16 & 3/8" NPT

or unplated brass products)

Approved to UL 1203

Approved to CSA C22.2 No.60079-04

Approved to C22.2 No.60079-1



Metric Female Internal Thread

M50

M63

M75

EX/M32-M50/E

EX/M40-M50/E

EX/M40-M63/E

EX/M50-M63/E

EX/M50-M75/E

EX/M63-M50/R

EX/M63-M75/E

EX/M75-M50/R

EX/M75-M63/R

EX/PG36-M50/TC

EX/PG42-M50/TC

EX/PG48-M50/TC

EX/PG42-M63/TC

EX/PG48-M63/TC

EX/125-M50/TC

EX/150-M50/TC

EX/200-M50/TC

EX/250-M50/TC

EX/300-M50/TC

EX/150-M63/TC

EX/200-M63/TC

EX/300-M75/TC

NPT - Technical Specification

Male External Thread	NPT Female Internal Thread				
	NPT 3/8	NPT 1/2	NPT 3/4	NPT 1	NPT 1 1/4
M16	EX/M16-038/TC	EX/M16-050/TC			
M20		EX/M20-050/TC	EX/M20-075/TC		
M25		EX/M25-050/TC	EX/M25-075/TC	EX/M25-100/TC	
M32		EX/M32-050/TC	EX/M32-075/TC	EX/M32-100/TC	EX/M32-125/TC
M40		EX/M40-050/TC	EX/M40-075/TC	EX/M40-100/TC	EX/M40-125/TC
M50		EX/M50-050/TC	EX/M50-075/TC	EX/M50-100/TC	EX/M50-125/TC
M63		EX/M63-050/TC	EX/M63-075/TC	EX/M63-100/TC	EX/M63-125/TC
M75		EX/M75-050/TC	EX/M75-075/TC	EX/M75-100/TC	EX/M75-125/TC
PG9		EX/PG9-050/TC			
PG11		EX/PG11-050/TC			
PG13		EX/PG13-050/TC			
PG16		EX/PG16-050/TC	EX/PG16-075/TC		
PG21		EX/PG21-050/TC	EX/PG21-075/TC	EX/PG21-100/TC	
PG29		EX/PG29-050/TC	EX/PG29-075/TC	EX/PG29-100/TC	EX/PG29-125/TC
PG36		EX/PG36-050/TC	EX/PG36-075/TC	EX/PG36-100/TC	EX/PG36-125/TC
PG42		EX/PG42-050/TC	EX/PG42-075/TC	EX/PG42-100/TC	EX/PG42-125/TC
PG48		EX/PG48-050/TC	EX/PG48-075/TC	EX/PG48-100/TC	EX/PG48-125/TC
NPT 1/2			EX/050-075/E		
NPT 3/4		EX/075-050/R		EX/075-100/E	
NPT 1		EX/100-050/R	EX/100-075/R		EX/100-125/E
NPT 1 1/4		EX/125-050/R	EX/125-075/R	EX/125-100/R	
NPT 1 1/2		EX/150-050/R	EX/150-075/R	EX/150-100/R	EX/150-125/R
NPT 2		EX/200-050/R	EX/200-075/R	EX/200-100/R	EX/200-125/R
NPT 2 1/2		EX/250-050/R	EX/250-075/R	EX/250-100/R	EX/250-125/R
NPT 3		EX/300-050/R	EX/300-075/R	EX/300-100/R	EX/300-125/R

PG - Technical Specification

Male External Thread	PG Female Internal Thread				
	PG9	PG11	PG13	PG16	PG21
M16	EX/M16-PG9/TC	EX/M16-PG11/TC	EX/M16-PG13/TC		
M20	EX/M20-PG9/TC	EX/M20-PG11/TC	EX/M20-PG13/TC	EX/M20-PG16/TC	
M25	EX/M25-PG9/TC	EX/M25-PG11/TC	EX/M25-PG13/TC	EX/M25-PG16/TC	EX/M25-PG21/TC
M32	EX/M32-PG9/TC	EX/M32-PG11/TC	EX/M32-PG13/TC	EX/M32-PG16/TC	EX/M32-PG21/TC
M40	EX/M40-PG9/TC	EX/M40-PG11/TC	EX/M40-PG13/TC	EX/M40-PG16/TC	EX/M40-PG21/TC
M50	EX/M50-PG9/TC	EX/M50-PG11/TC	EX/M50-PG13/TC	EX/M50-PG16/TC	EX/M50-PG21/TC
M63	EX/M63-PG9/TC	EX/M63-PG11/TC	EX/M63-PG13/TC	EX/M63-PG16/TC	EX/M63-PG21/TC
M75	EX/M75-PG9/TC	EX/M75-PG11/TC	EX/M75-PG13/TC	EX/M75-PG16/TC	EX/M75-PG21/TC
PG11	EX/PG11-PG9/R				
PG13	EX/PG13-PG9/R	EX/PG13-PG11/R			
PG16	EX/PG16-PG9/R	EX/PG16-PG11/R	EX/PG16-PG13/R		EX/P16-PG21/E
PG21	EX/PG21-PG9/R	EX/PG21-PG11/R	EX/PG21-PG13/R	EX/PG21-PG16/R	
PG29	EX/PG29-PG9/R	EX/PG29-PG11/R	EX/PG29-PG13/R	EX/PG29-PG16/R	EX/PG29-PG21/R
PG36	EX/PG36-PG9/R	EX/PG36-PG11/R	EX/PG36-PG13/R	EX/PG36-PG16/R	EX/PG36-PG21/R
PG42	EX/PG42-PG9/R	EX/PG42-PG11/R	EX/PG42-PG13/R	EX/PG42-PG16/R	EX/PG42-PG21/R
PG48	EX/PG48-PG9/R	EX/PG48-PG11/R	EX/PG48-PG13/R	EX/PG48-PG16/R	EX/PG48-PG21/R
NPT 1/2	EX/050-PG9/TC	EX/050-PG11/TC	EX/050-PG13/TC	EX/050-PG16/TC	
NPT 3/4	EX/075-PG9/TC	EX/075-PG11/TC	EX/075-PG13/TC	EX/075-PG16/TC	EX/075-PG21/TC
NPT 1	EX/100-PG9/TC	EX/100-PG11/TC	EX/100-PG13/TC	EX/100-PG16/TC	EX/100-PG21/TC
NPT 1 1/4	EX/125-PG9/TC	EX/125-PG11/TC	EX/125-PG13/TC	EX/125-PG16/TC	EX/125-PG21/TC
NPT 1 1/2	EX/150-PG9/TC	EX/150-PG11/TC	EX/150-PG13/TC	EX/150-PG16/TC	EX/150-PG21/TC
NPT 2	EX/200-PG9/TC	EX/200-PG11/TC	EX/200-PG13/TC	EX/200-PG16/TC	EX/200-PG21/TC

Enlargers, Reducers & Thread Convertors

NPT Female Internal Thread

NPT 1 1/2 NPT 2 NPT 2 1/2 NPT 3

EX/M40-150/TC

EX/M50-150/TC

EX/M63-150/TC

EX/M75-150/TC

EX/M50-200/TC

EX/M63-200/TC

EX/M75-200/TC

EX/PG29-150/TC

EX/PG36-150/TC

EX/PG42-150/TC

EX/PG48-150/TC

EX/PG42-200/TC

EX/PG48-200/TC

EX/125-150/E

EX/150-200/E

X/200-150/R

EX/250-150/R

EX/300-150/R

EX/250-200/R

EX/300-200/R

EX/300-250/R

EX/250-300/E

PG Female Internal Thread

PG29 PG36 PG42 PG48

EX/M32-PG29/TC

EX/M40-PG29/TC

EX/M50-PG29/TC

EX/M63-PG29/TC

EX/M75-PG29/TC

EX/M40-PG36/TC

EX/M50-PG36/TC

EX/M63-PG36/TC

EX/M75-PG36/TC

EX/M50-PG42/TC

EX/M63-PG42/TC

EX/M75-PG42/TC

EX/M63-PG48/TC

EX/M75-PG48/TC

EX/PG21-PG29/E

EX/PG29-PG36/E

EX/PG36-PG29/R

EX/PG42-PG29/R

EX/PG48-PG29/R

EX/PG36-PG48/E

EX/PG42-PG36/R

EX/PG48-PG36/R

EX/PG48-PG42/R

EX/PG42-PG48/E

EX/100-PG29/TC

EX/125-PG29/TC

EX/150-PG29/TC

EX/200-PG29/TC

EX/125-PG36/TC

EX/150-PG36/TC

EX/200-PG36/TC

EX/150-PG42/TC

EX/200-PG42/TC

EX/200-PG48/TC

