

TL-EX-R-X1-X2-X3 Series Explosion-proof Reduction Fittings

1 Application and Features

- Explosion protection ATEX
- Application in hazardous area Zone 1 and Zone 2, Zone 21 and Zone 22
- Explosion protection types II 2G Ex db IIC Gb II 2D Ex tb IIIC Db
- It is designed to connect pipe or cable entries with different thread sizes.
- Suitable for gas and dust hazardous environments requiring certified explosion protection.
- Maintains flameproof integrity when connecting equipment with different thread sizes.
- Available with Gas (G), NPT and Metric thread configurations.
- Manufactured from special aluminium alloy, stainless steel or nickel-plated brass depending on model.
- IP66 / IP67 protection when properly installed.
- Thread combinations available for Gas-Gas, Gas-NPT, Metric-NPT and Metric-Gas connections.
- Wide range of male and female thread sizes available for flexible installation.



2 Technical parameters

TL-EX-R-X1-X2-X3	X1	Usage type
	G	Gas Code
	N	NPT Code
	M	Metric Code

3 Selection Table

X1 : TYPE (THREAD)		X2 (Male and Female Size)	X3 : Male and Female Size
G	GAS	¼" - 3/8" - ½" - ¾" - 1" 1 ¼" - 1 ½" - 1 ¾" - 2"	¼" - 3/8" - ½" - ¾" - 1" - 1 ¼" 1 ½" - 1 ¾" - 2"
N	NPT		
M	METRIC	M12x1,5 - M14 x 1,5 - M20x1,5 M25x1,5 - M30 x 1,5 - M32x1,5 M40x1,5 - M50x1,5	M12x1,5 - M14 x 1,5 - M20x1,5 M25x1,5 - M30 x 1,5 - M32x1,5 M40x1,5 - M50x1,5
GN	GAS - NPT		
NG	NPT - GAS		
NM	NPT-METRIC		
MN	METRIC- NPT		
GM	GAS-METRIC		
MG	METRIC - GAS		