

TL-EX-NP-XX Series Explosion-proof Nipple 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
- Designed to provide a male-to-male threaded connection between explosion-proof enclosures, cable glands or conduit systems.
- Suitable for use in hazardous areas where explosive gas and dust atmospheres may be present.
- Maintains the flameproof integrity of Ex d enclosures when correctly installed.
- Typically manufactured with identical male threads on both sides for direct connection of equipment with the same thread size.
- Available with Gas (G), NPT or Metric thread types depending on application requirements.
- Produced from nickel-plated brass, stainless steel or aluminium alloy to ensure corrosion resistance and mechanical strength.
- Designed for use in oil & gas, petrochemical plants, offshore platforms and other hazardous industrial environments.
- Provides IP66 / IP67 protection rating when installed with certified explosion-proof equipment.



2 Technical parameters

TL-EX-NP-XX	XI	Usage type
	G	Gas Code
	N	NPT Code
	M	Metric Code

3 Selection Table

Gas Code	NPT Code	QA (Inch)	Length (min-max mm)	Metric Code	Size (mm)	Length (min-max mm)
TL-EX-NP-1G	TL-EX-NP-1N	1/2"	45-55	TL-EX-NP-1M	M12 x 1,5	45-55
TL-EX-NP-2G	TL-EX-NP-2N	1/4"	45-55	TL-EX-NP-2M	M14 x 1,5	45-55
TL-EX-NP-3G	TL-EX-NP-3N	3/4"	45-55	TL-EX-NP-3M	M16 x 1,5	45-55
TL-EX-NP-4G	TL-EX-NP-4N	1"	60-70	TL-EX-NP-4M	M20 x 1,5	45-55
TL-EX-NP-5G	TL-EX-NP-5N	1 1/4"	50-60	TL-EX-NP-5M	M25 x 1,5	60-70
TL-EX-NP-6G	TL-EX-NP-6N	1 1/2"	50-60	TL-EX-NP-6M	M30 x 1,5	50-60
TL-EX-NP-7G	TL-EX-NP-7N	2"	50-60	TL-EX-NP-7M	M32 x 1,5	50-60
TL-EX-NP-8G	TL-EX-NP-8N	2 1/2"	70-80			
TL-EX-NP-9G	TL-EX-NP-9N	3"	70-80			