

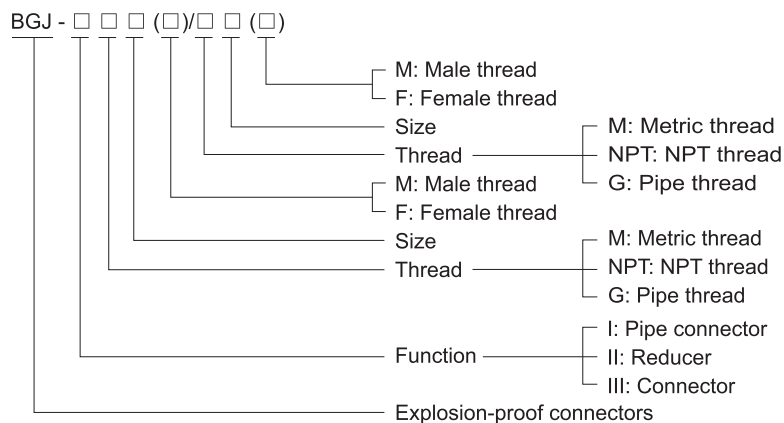
Accessories for Installation

BGJ Series Explosion-proof Connectors



- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Available in nickel plated brass, stainless steel or galvanized carbon steel.

Catalogue number logic



Technical data

Explosion-proof connectors

BGJ-□□□(□)/□□(□)

Explosion protection

Gas explosion protection
Dust explosion protection

⊕ II 2 G Ex d IIC Gb ⊕ II 2 G Ex e IIC Gb
⊕ II 2 D Ex tb IIIC Db IP66

Certificates

LCIE 06 ATEX 6018; IECEx LCI 08.0005; RU C-CN.F508.B.00927 (CU-TR)
KZ.7500525.22.01.00375 (CU-TR)

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31
IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

Material

Nickel plated brass, stainless steel or galvanized carbon steel

Degree of protection

IP66

Ambient temperature

-60°C~+100°C

Type

F/F, M/F or M/M

Function

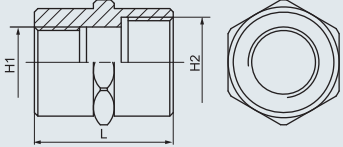
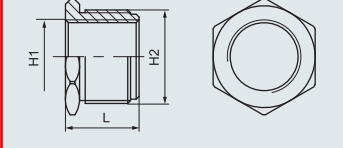
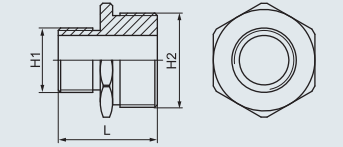
Pipe connector, reducer, connector

Zones 1&2; 21&22

Accessories for Installation

BGJ Series Explosion-proof Connectors

Selection table

Version	Female thread "H1"			Female thread "H2"			Dimensions (mm)	Ordering code	Weight (kg)
	Metric	NPT	G	Metric	NPT	G	L		
 BGJ-II□□(F)/□□(F)	M20	1/2"	1/2"	M25	3/4"	3/4"	34	703028	0.10
	M25	3/4"	3/4"	M32	1"	1"	34	703029	0.15
	M32	1"	1"	M40	1 1/4"	1 1/4"	40	703030	0.25
	M40	1 1/4"	1 1/4"	M50	1 1/2"	1 1/2"	40	703031	0.30
	M50	1 1/2"	1 1/2"	M63	2"	2"	40	703032	0.35
	M63	2"	2"	M75	2 1/2"	2 1/2"	42	703033	0.50
	M75	2 1/2"	2 1/2"	M90	3"	3"	42	703034	0.65
	M90	3"	3"	M115	4"	4"	42	703035	1.00
 BGJ-II□□(M)/□□(F)	M20	1/2"	1/2"	M25	3/4"	3/4"	24	703036	0.05
	M25	3/4"	3/4"	M32	1"	1"	24	703037	0.10
	M32	1"	1"	M40	1 1/4"	1 1/4"	34	703038	0.25
	M40	1 1/4"	1 1/4"	M50	1 1/2"	1 1/2"	30	703039	0.45
	M50	1 1/2"	1 1/2"	M63	2"	2"	33	703040	0.60
	M63	2"	2"	M75	2 1/2"	2 1/2"	33	703041	0.75
	M75	2 1/2"	2 1/2"	M90	3"	3"	33	703042	0.90
	M90	3"	3"	M115	4"	4"	33	703043	1.20
 BGJ-II□□(M)/□□(M)	M20	1/2"	1/2"	M25	3/4"	3/4"	36	703044	0.10
	M25	3/4"	3/4"	M32	1"	1"	36	703045	0.15
	M32	1"	1"	M40	1 1/4"	1 1/4"	42	703046	0.25
	M40	1 1/4"	1 1/4"	M50	1 1/2"	1 1/2"	42	703047	0.25
	M50	1 1/2"	1 1/2"	M63	2"	2"	42	703048	0.35
	M63	2"	2"	M75	2 1/2"	2 1/2"	44	703049	0.50
	M75	2 1/2"	2 1/2"	M90	3"	3"	44	703050	0.65
	M90	3"	3"	M115	4"	4"	44	703051	1.00

Note: 1. Standard material is galvanized carbon steel. Nickel plated brass or stainless steel is optional.

Above weight is based upon galvanized carbon steel.

2. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.