EXPLOSION PROOF FLEXIBLE COUPLING

Flameproof type · KF--GJH · 1/2"–2" · stainless steel



TWO MALE FITTING	KF--GJH-M
TWO FEMALE FITTING	KF--GJH-F
MALE TO FEMALE END	KF--GJH-F/M

Certified to explosion-proof standard with cULus, ATEX and IECEx. The whole assembly is stainless steel with a compact, sealing structure that protects electrical equipment in hazardous environments. Both end connectors switch between male and female thread to suit the installation.

Highly flexible to resist bending and explosion pressure while absorbing vibration — for short runs, narrow spaces and locations with long-term vibration.

Applied where explosive gas, dust or flyings are present: refineries, offshore oil platforms, gas plants, petrochemical and chemical plants, grain mills and gas stations.

SIZE · BENDING RADIUS · AVAILABLE LENGTHS

NOMINAL SIZE	BENDING RADIUS (MM)	LENGTH "L" (IN)	CLASS I DIV 1 GROUPS
1/2"	254	4 – 36	A, B, C, D
3/4"	305	4 – 36	A, B, C, D
1"	356	6 – 36	C, D
1-1/4"	406	12 – 36	C, D
1-1/2"	406	12 – 36	C, D
2"	406	12 – 36	C, D

Length limit 4"–36" per UL specification. Nominal 2" adopts a 1–1/2" conduit body. All sizes are also Class II Division 1, Groups E, F, G and Class III.

HAZARDOUS LOCATION RATINGS

UL 1203

1/2"-3/4": Class I Div 1, Groups A, B, C, D

1"-2": Class I Div 1, Groups C, D

Class II Div 1, Groups E, F, G · Class III

IEC 60079 · 1/2"–4"

Ex db IIC Gb · Ex tb IIIC Db

ATEX · 1/2"–4"

II 2G Ex db IIC Gb · II 2D Ex tb IIIC Db

PART NUMBER — KF--GJH X X XX X 1

#	FIELD	CODES
1	Category	KF--GJH
2	Conduit size	1: 1/2" · 2: 3/4" · 3: 1" · 4: 1-1/4" · 5: 1-1/2" · 6: 2"
3	Fitting type, both ends	M: two male · F: two female · F/M: male to female
4	Conduit length (in)	4 · 6 · 8 · 10 · 12 · 15 · 18 · 21 · 24 · 27 · 30 · 33 · 36
5	Thread	1: M · 2: NPT
6	Core material	1: Stainless steel

IEC-only conduit sizes: 7: 2–1/2" · 8a: 3a" · 8b: 3b" · 9: 4". Example: KF--GJH1M411 — 1/2", two male, 4", M thread, stainless steel.

COMPRESSION STRENGTH

Max. 2000 psi (1/2", 3/4")

Max. 1200 psi (1"-2")

THREAD

NPT, M

ROHS COMPLIANCE

Yes

CERTIFICATES

cULus (E490826) · IECEx (IECEx UL 20.0075U) · ATEX (DEMKO 20 ATEX 2393U Rev. 0) · TS (TD09002U)

PROFILE

