

metallic conduit and fittings

galvanised steel LFH coated



type LFHU

Construction: Galvanised steel, helically wound, flexible steel conduit with Low Fire Hazard (LFH) coating. Colour black.

Typical Applications: Public and commercial buildings and tunnels.

Conduit

- High mechanical strength
- Highly flexible
- IP rating: IP54 with standard fittings, IP65 with type C compression fittings
- Extra low Fire Hazard (LFH) see page 35
- UL 94 V0
- Halogen, sulphur and phosphorus free
- Temperature range -25°C to +90°C
- Nickel plated brass fittings

fittings

type

M

fixed external thread
nickel plated brass

Two part fitting comprising shell and body with external thread. This fitting can be inserted into a knockout and secured with a locknut.

type

S

swivel external thread
nickel plated brass

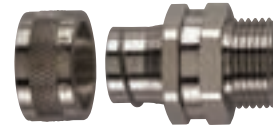
Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.

type

P

plain hole connector
nickel plated brass

Two part fitting comprising shell and body without thread. The body is fitted through the opposite side of the entry to the conduit and acts as a locking device also providing a smooth entry bush.



nominal size (mm)	LFHU	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	metric thread	part number	PG thread	part number	metric thread	part number	PG thread	part number	hole size	part number
12	LFHU12B*	25		14.0	10.2	30	M16	FSU12-M16-M	PG9	FSU12-PG9-M	M16	FSU12-M16-S	PG9	FSU12-PG9-S	12	FSU12-P
16	LFHU16B	25, 50		17.0	13.0	40	M16	FSU16-M16-M	PG11	FSU16-PG11-M	M16	FSU16-M16-S	PG11	FSU16-PG11-S	16	FSU16-P
16							M20	FSU16-M20-M			M20	FSU16-M20-S				
20	LFHU20B	25, 50		21.5	16.9	45	M20	FSU20-M20-M	PG16	FSU20-PG16-M	M20	FSU20-M20-S	PG16	FSU20-PG16-S	20	FSU20-P
25	LFHU25B	25		26.0	21.1	55	M25	FSU25-M25-M	PG21	FSU25-PG21-M	M25	FSU25-M25-S	PG21	FSU25-PG21-S	25	FSU25-P
32	LFHU32B	25		34.0	28.1	70	M32	FSU32-M32-M	PG29	FSU32-PG29-M	M32	FSU32-M32-S	PG29	FSU32-PG29-S	32	FSU32-P
40	LFHU40B	10		44.5	37.6	80	M40	FSU40-M40-M	PG36	FSU40-PG36-M	M40	FSU40-M40-S	PG36	FSU40-PG36-S	40	FSU40-P
50	LFHU50B	10		55.0	48.4	90	M50	FSU50-M50-M	PG48	FSU50-PG48-M	M50	FSU50-M50-S	PG42	FSU50-PG42-S	51	FSU50-P

important note

- For LFH performance see page 35.





fittings

type

F

IP54

fixed internal thread
nickel plated brass

Two part fitting comprising shell and body with internal thread which can be used to couple two pieces of conduit together when used with a swivel fitting.

type

C

IP65

external thread
nickel plated brass

Multipart compression fitting including elastomeric seal. Can be used for knockouts or threaded entries as fitting rotates until tightened.

type

C90

IP65

external thread
elbow
nickel plated brass

Multipart 90° compression fitting including elastomeric seal.

type

E

insert to cap end of
conduit
nickel plated brass

Single part, machined insert to cap end of conduit.

type

Locknuts

plated steel and
nickel plated brass



metric thread	part number	metric thread	part number	metric thread	part number	metric thread	part number	metric thread	steel part number	brass part number	nominal size (mm)
						FSU12-E	M16	S-M16	B-M16	12	
		M16	FSU16-M16-C			FSU16-E	M16	S-M16	B-M16	16	
M20	FSU16-M20-F	M20	FSU16-M20-C	M20	FSU16-M20-C90	FSU16-E	M20	S-M20	B-M20	16	
M20	FSU20-M20-F	M20	FSU20-M20-C	M20	FSU20-M20-C90	FSU20-E	M20	S-M20	B-M20	20	
M25	FSU25-M25-F	M25	FSU25-M25-C	M25	FSU25-M25-C90	FSU25-E	M25	S-M25	B-M25	25	
M32	FSU32-M32-F	M32	FSU32-M32-C	M32	FSU32-M32-C90	FSU32-E	M32	S-M32	B-M32	32	
		M40	FSU40-M40-C*				M40	S-M40	B-M40	40	
		M50	FSU50-M50-C*				M50	S-M50	B-M50	50	

ordering notes

- Add reel length eg: LFHU20B-25M
- FSU fittings used on LFHU
- **Available on request:**
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - additional sizes
 - stainless steel fittings (grade 316)
 - alternative threads
 - full copies of independent test reports
 - confirming LFH properties

*indicates parts made to order on request

