

# metallic conduit and fittings

galvanised steel pvc or nylon coated



## type FSU

IP54 IP65

**Construction:** Galvanised steel, helically wound, flexible steel conduit with pvc coating. Colour black. Grey or orange on request.

**Typical Applications:** General factory wiring and connections to machines.

## type FNU

IP54 IP65

**Construction:** Galvanised steel, helically wound, flexible steel conduit with nylon coating. Colour black.

**Typical Applications:** Demanding applications requiring higher temperatures or solvent and abrasion resistance.

### Conduit

- High mechanical strength
- Highly flexible
- IP rating: IP54 with standard fittings, IP65 with type C compression fittings
- Temperature range FSU -15°C to +70°C  
FNU -40°C to +120°C
- FNU offers high abrasion resistance and solvent resistance
- Low Fire Hazard version available (see type LFHU on page 10)
- Nickel plated brass fittings

### fittings

#### type M

IP54

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

IP54

swivel external thread  
nickel plated brass

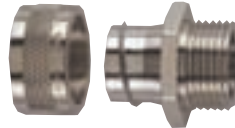
Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.

#### type P

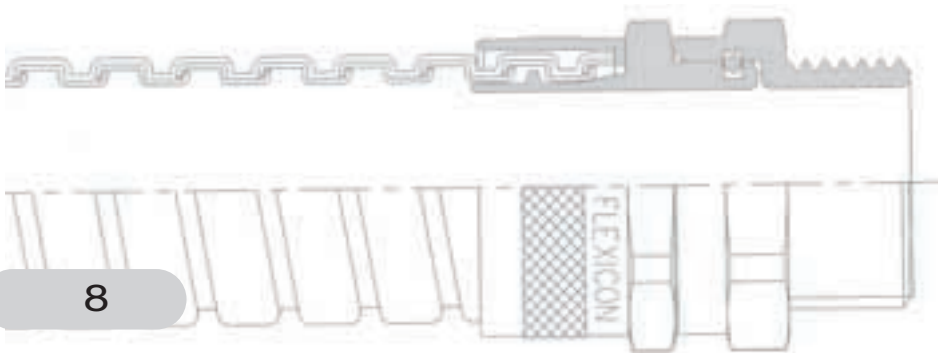
IP54

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)	FSU			FNU			metric thread	part number	PG thread	part number	metric thread	part number	PG thread	part number	hole size	part number	
	part number	reel length (m)		part number	reel length (m)	outside dia (mm)											inside dia (mm)
10	FSU10B	25, 50					M12	FSU10-M12-M	PG7	FSU10-PG7-M	M12	FSU10-M12-S	PG7	FSU10-PG7-S	9	FSU10-P	
12	FSU12B	25, 50					M16	FSU12-M16-M	PG9	FSU12-PG9-M	M16	FSU12-M16-S	PG9	FSU12-PG9-S	12	FSU12-P	
16	FSU16B	10, 25, 50	FNU16B	25	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	FSU20B	10, 25, 50	FNU20B	25	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	FSU25B	10, 25, 50	FNU25B	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	FSU32B	10, 25	FNU32B	10	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	FSU40B	10, 25			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	FSU50B	10, 25			55.0	48.4	90	M50	FSU50-M50-M	PG48	FSU50-PG48-M	M50	FSU50-M50-S	PG48	FSU50-PG48-S	51	FSU50-P
63	FSU63B	10			64.5	57.5	115	M63	FSU63-M63-M			M63	FSU63-M63-S			61	FSU63-P
75	FSU75B	10			79.0	70.0	150	M75	FSU75-M75-M							75	FSU75-P



BS EN 50086



Typical applications for type FSU conduit and fittings include general factory wiring.

**fittings**

**Clips**

**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 FCC**

plated steel P clip  
with pvc liner



metric thread	part number	metric thread	part number	metric thread	part number	part number	part number	nominal size (mm)
		M12	FSU10-M12-C			FSU10-E	FCC10	10
		M16	FSU12-M16-C			FSU12-E	FCC12	12
		M16	FSU16-M16-C			FSU16-E	FCC16	16
M20	FSU16-M20-F	M20	FSU16-M20-C	M20	FSU16-M20-C90	FSU16-E	FCC16	16
M20	FSU20-M20-F	M20	FSU20-M20-C	M20	FSU20-M20-C90	FSU20-E	FCC20	20
M25	FSU25-M25-F	M25	FSU25-M25-C	M25	FSU25-M25-C90	FSU25-E	FCC25	25
M32	FSU32-M32-F	M32	FSU32-M32-C	M32	FSU32-M32-C90	FSU32-E	FCC32	32
		M40	FSU40-M40-C*			FSU40-E*	FCC40	40
		M50	FSU50-M50-C*			FSU50-E*	FCC50	50
							FCC63	63
							FCC75	75

**ordering notes**

- Add reel length eg: FSU20B-25M
- FSU fittings used for FNU conduit
- **Available on request:**
  - longer lengths and bulk packaging
  - cut lengths and assemblies
  - other colours
  - stainless steel fittings (grade 316)
  - alternative threads

\*indicates parts made to order on request

