

FU & SSU system galvanised steel and stainless steel



Conduit

Fittings

FU

Construction: Galvanised steel, helically wound, flexible conduit. Colour zinc, self colour.

Typical Applications: Underfloor wiring in office blocks.

SSU

Construction: Stainless steel (grade 316), helically wound, flexible conduit. Colour stainless steel, self colour.

Typical Applications: Instrumentation and security.

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.

IP40

M-SS

fixed external thread stainless steel

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

IP40

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.

IP40



nominal size (mm)	FU part number	reel length (m)	SSU part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)
10	FU10 ⁺	25, 50	SSU10 ⁺	10, 25, 50	9.0	6.8	25
12	FU12	25, 50	SSU12 ⁺	10, 25, 50	13.0	10.2	30
16	FU16	10, 25, 50	SSU16	10, 25, 50	16.0	13.0	40
20	FU20	10, 25, 50	SSU20	10, 25	20.5	16.9	45
25	FU25	10, 25, 50	SSU25	10, 25	25.0	21.1	55
32	FU32	10, 25	SSU32	10, 25	32.0	28.1	60
40	FU40	10, 25	SSU40	10	42.5	37.6	80
50	FU50	10, 25	SSU50	10	53.0	48.4	90
63	FU63	10	SSU63*	10	62.5	57.5	115
75	FU75	10			77.0	70.0	150

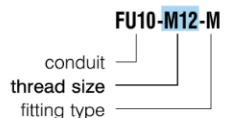
metric thread part number	PG thread part number	metric thread part number	metric thread part number	PG thread part number
FU10-M12-M	FU10-PG7-M	SSU10-M12-M	FU10-M12-S	FU10-PG7-S
FU12-M16-M	FU12-PG9-M	SSU12-M16-M	FU12-M16-S	FU12-PG9-S
FU16-M16-M	FU16-PG11-M	SSU16-M16-M	FU16-M16-S	FU16-PG11-S
FU16-M20-M			FU16-M20-S	FU16-PG13-S
FU20-M20-M	FU20-PG16-M	SSU20-M20-M	FU20-M20-S	FU20-PG16-S
FU25-M25-M	FU25-PG21-M	SSU25-M25-M	FU25-M25-S	FU25-PG21-S
FU32-M32-M	FU32-PG29-M	SSU32-M32-M	FU32-M32-S	FU32-PG29-S
FU40-M40-M	FU40-PG36-M	SSU40-M40-M	FU40-M40-S	FU40-PG36-S
FU50-M50-M	FU50-PG48-M	SSU50-M50-M	FU50-M50-S	FU50-PG42-S
FU63-M63-M		SSU63-M63-M*	FU63-M63-S	
FU75-M75-M				

Ordering Notes

- Add reel length eg: FU20-25M for 25m reel
- * Indicates parts made to order on request and may be subject to MOQ and lead time
- + Double interlock section

- Available on request:
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - alternative threads

How to read the fittings code



system properties

- High mechanical strength
- Highly flexible
- Inherently Low Fire Hazard (LFH)
- Fully compliant to LUL Std 1-085 (Cert No. 296)
- Temperature range
 - 100°C to +300°C (FU)
 - 100°C to +600°C (SSU + SS fittings)
 - 100°C to +400°C (SSU + NPB fittings)
- IP rating: IP40
- SSU is highly corrosion resistant
- Nickel plated brass fittings
- Stainless steel (316) fittings



S-SS	P	F	FCC	90° elbow
<p>swivel external thread stainless steel</p> <p>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.</p> <p>IP40</p>	<p>plain hole connector nickel plated brass</p> <p>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.</p> <p>IP40</p>	<p>fixed internal thread nickel plated brass</p> <p>Two part fitting comprising shell and body with internal thread which can be used to connect with an external thread.</p> <p>IP40</p>	<p>plated steel P clip with pvc liner and secure stainless steel P clips</p> <p>P clip to support and secure conduit.</p>	<p>internal and external threaded nickel plated brass elbow</p> <p>90° elbow which can be screwed onto external threaded fittings to create a 90° elbow termination.</p>

S-SS		P		F		FCC		90° elbow
metric thread part number	hole size (mm)	part number	metric thread part number	plated steel part number	stainless steel part number	part number		
SSU10-M12-S	9	FU10-P		FCC10	FCC10-SS*	BM90-PG7		10
SSU12-M16-S	12	FU12-P		FCC12	FCC12-SS*	BM90-16M		12
SSU16-M16-S	16	FU16-P	FU16-M16-F	FCC16	FCC16-SS	BM90-16M		16
			FU16-M20-F	FCC16	FCC16-SS	BM90-20M		16
SSU20-M20-S	20	FU20-P	FU20-M20-F	FCC20	FCC20-SS	BM90-20M		20
SSU25-M25-S	25	FU25-P	FU25-M25-F	FCC25	FCC25-SS	BM90-25M		25
SSU32-M32-S	32	FU32-P	FU32-M32-F	FCC32	FCC32-SS	BM90-32M		32
	40	FU40-P	FU40-M40-F	FCC40	FCC40-SS	BM90-40M		40
	51	FU50-P	FU50-M50-F	FCC50	FCC50-SS*	BM90-50M		50
	61	FU63-P	FU63-M63-F	FCC63				63
	75	FU75-P		FCC75				75

Standards



BS EN IEC 61386



Note: refer to conduit properties for applicable standards

Technical Drawing

