

LUMBERG type IP40

NEW

A range of screw locking, circular DIN connectors with IP40 protection, available in a variety of poles. High quality construction with industry standard DIN styling. Ideal for use in a wide range of applications such as instrumentation and process control where high reliability is required. Choice of plugs and sockets in both cable and panel mounting form.

Specification

Application class to DIN40040

Mechanical

Housing
 cable mounting Chrome over nickel plated brass
 panel mounting Nickel over copper plated zinc

Inner body
 cable connectors only Black PC

Insulator PA6.6

Contacts Gold over silver plated brass
 (12 pole : gold over nickel plated brass)

Strain relief
 cable connectors only PVC

Electrical

	3, 5/240° & 7 Pole	5/180° & 8 Pole	12 Pole
Current rating	5A	5A	3A
Voltage rating	250Vac	60Vac	60Vac
Proof voltage	2000V	1000V	1000V
Contact resistance (max.)	5mΩ	5mΩ	5mΩ
Contact capacitance	2pF	3pF	3pF
Insulation resistance	10 ¹³ Ω	10 ¹² Ω	10 ¹² Ω

Endurance & Environmental

Mating cycles 250
 Operating temperature range -40°C to +85°C

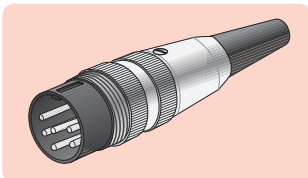
- ◆ Circular DIN
- ◆ Screw locking
- ◆ IP40 protection
- ◆ 3 pole to 12 pole
- ◆ Cable or panel mounting
- ◆ Plugs or sockets

IP40 RATING
 Offers protection against solid objects over 1mm (tools + small wires)

CABLE MOUNTING

Option of plugs or sockets, each style having an integral cable clamp and strain relief sleeve.

Plugs



Type

3 Pole
 5 Pole 180°
 5 Pole 240°
 7 Pole
 8 Pole
 12 Pole

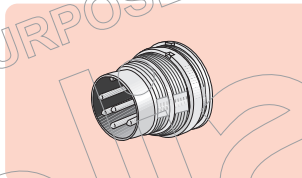
Manf. Part No. & Anglia Order Code
SV30
SV50
SV50/6
SV70
SV80
SV120

SV

PANEL MOUNTING

Option of rear mounting plugs (front fixing nut) or front mounting sockets (rear fixing nut).

Plugs



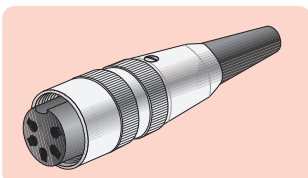
Type

3 Pole
 5 Pole 180°
 5 Pole 240°
 7 Pole
 8 Pole
 12 Pole

Manf. Part No. & Anglia Order Code
SGV30
SGV50
SGV50/6
SGV70
SGV80
SGV120

SGV

Sockets



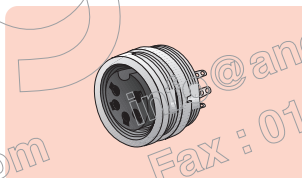
Type

3 Pole
 5 Pole 180°
 5 Pole 240°
 7 Pole
 8 Pole
 12 Pole

Manf. Part No. & Anglia Order Code
KV30
KV50
KV50/6
KV70
KV80
KV120

KV

Sockets



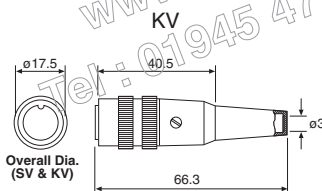
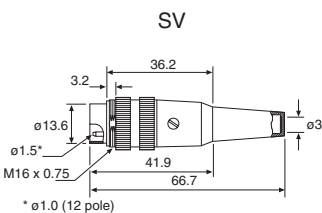
Type

3 Pole
 5 Pole 180°
 5 Pole 240°
 7 Pole
 8 Pole
 12 Pole

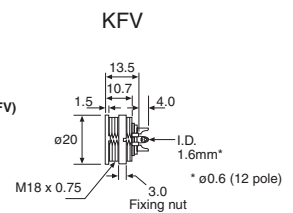
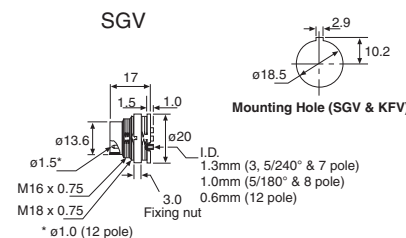
Manf. Part No. & Anglia Order Code
KFV30
KFV50
KFV50/6
KFV70
KFV80
KFV120

KFV

Dimensions (mm)



Dimensions (mm)



Other types available: • Push-Pull for quick locking connect/disconnect • Standard non-locking •

Contact Configurations (rear view of socket)



3 Pole



5 Pole 180°



5 Pole 240°



7 Pole



8 Pole



12 Pole

Wire Acceptance

Type	Max. Wire Size
3 Pole	0.75mm ²
5 Pole 180°	0.34mm ²
5 Pole 240°	0.75mm ²
7 Pole	0.75mm ²
8 Pole	0.34mm ²
12 Pole	0.25mm ²

NEW

LUMBERG type IP68

A range of screw locking, circular DIN connectors with high level IP68 protection, available in a variety of poles. Superior construction incorporates all appropriate gaskets and sealing rings for effective protection against dust and liquids. Industry standard DIN styling. Ideal for use in a wide variety of applications, including instrumentation and process control, where the connectors may be subjected to adverse environmental conditions. A choice of plugs and sockets in both cable and panel mounting form is provided together with panel dust covers.

Specification

Mechanical

Housing
 cable mounting Nickel plated brass
 panel mounting Nickel over copper plated zinc

Insulator PA GV

Contacts Gold over silver plated brass
 (12 pole : gold over nickel plated brass)

Electrical

	3, 5/240° & 7 Pole	5/180° & 8 Pole	12 Pole
Current rating	5A	5A	3A
Voltage rating	250Vac	60Vac	60Vac
Proof voltage	2000V	1000V	1000V
Contact resistance (max.)	5mΩ	5mΩ	5mΩ
Contact capacitance	2pF	3pF	3pF
Insulation resistance	10 ¹³ Ω	10 ¹² Ω	10 ¹² Ω

Endurance & Environmental

Mating cycles 250
 Operating temp. range -40°C to +85°C

IP68 RATING

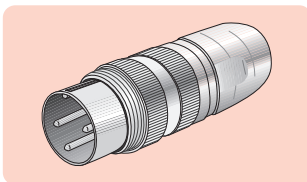
Offers total protection against dust and protection against long periods of immersion in liquids under pressure.

- ◆ Circular DIN
- ◆ Screw locking
- ◆ High level IP68 protection
- ◆ 3 pole to 12 pole
- ◆ Cable or panel mounting
- ◆ Plugs or sockets
- ◆ Dust covers provided

CABLE MOUNTING

Option of plugs or sockets, each style having an integral cable clamp, sealing gasket and O-ring. Supplied complete with assembly instructions.

Plugs



Type

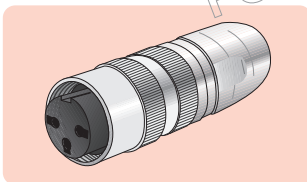
- 3 Pole
- 5 Pole 180°
- 5 Pole 240°
- 7 Pole
- 8 Pole
- 12 Pole

0331

Manf. Part No. & anglia Order Code

0331-03
0331-05
0331-05-1
0331-07
0331-08
0331-12

Sockets



Type

- 3 Pole
- 5 Pole 180°
- 5 Pole 240°
- 7 Pole
- 8 Pole
- 12 Pole

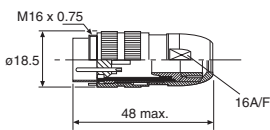
0321

Manf. Part No. & anglia Order Code

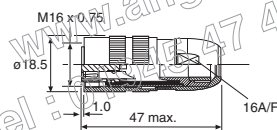
0321-03
0321-05
0321-05-1
0321-07
0321-08
0321-12

Dimensions (mm)

0331



0321



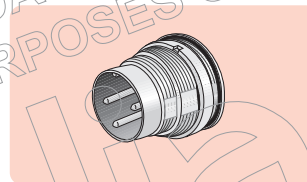
Max. cable dia.8

- Other types available:
- Push-Pull for quick locking connect/disconnect •
 - Standard non-locking •

PANEL MOUNTING

Option of rear mounting plugs (front fixing nut) or front mounting sockets (rear fixing nut), each supplied with a panel sealing O-ring. Screw locking dust covers, suitable for protecting exposed connector faces and maintaining IP68 integrity, are available separately.

Plugs



Type

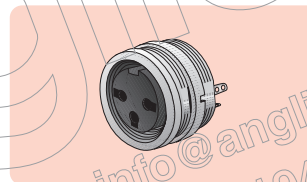
- 3 Pole
- 5 Pole 180°
- 5 Pole 240°
- 7 Pole
- 8 Pole
- 12 Pole

0315

Manf. Part No. & anglia Order Code

0315-03
0315-05
0315-05-1
0315-07
0315-08
0315-12

Sockets



Type

- 3 Pole
- 5 Pole 180°
- 5 Pole 240°
- 7 Pole
- 8 Pole
- 12 Pole

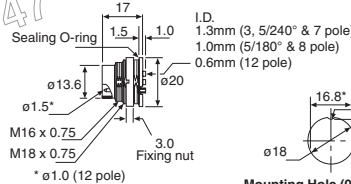
0304

Manf. Part No. & anglia Order Code

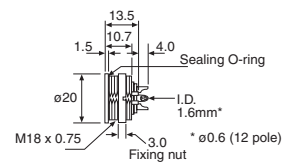
0304-03
0304-05
0304-05-1
0304-07
0304-08
0304-12

Dimensions (mm)

0315

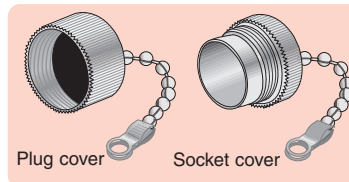


0304



Mounting Hole (0315 & 0304)

Dust Covers



To Fit
 Plugs
 Sockets

0381/0383

Manf. Part No. & anglia Order Code

0381
0383

Contact Configurations (rear view of socket)



3 Pole



5 Pole 180°



5 Pole 240°



7 Pole



8 Pole



12 Pole

Wire Acceptance

Type	Max. Wire Size
3 Pole	0.75mm ²
5 Pole 180°	0.34mm ²
5 Pole 240°	0.75mm ²
7 Pole	0.75mm ²
8 Pole	0.34mm ²
12 Pole	0.25mm ²