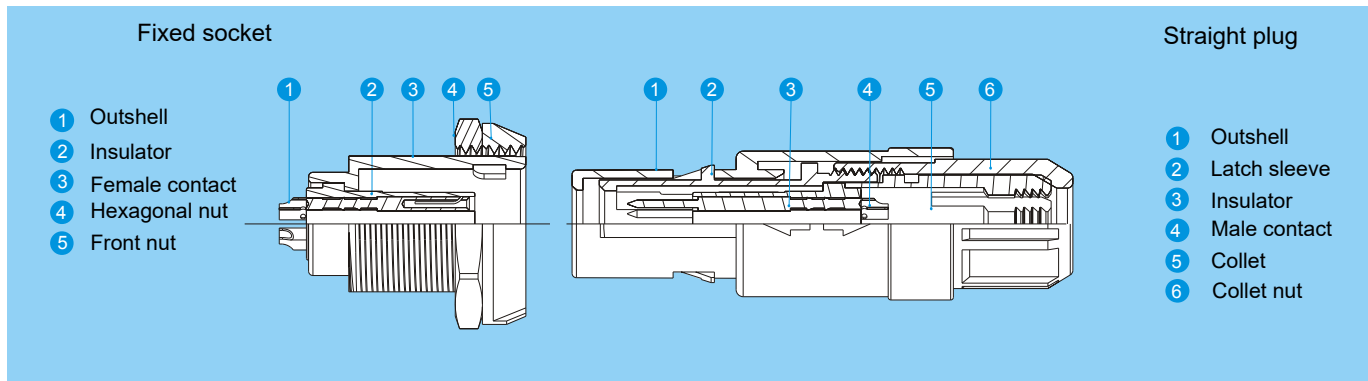


Part Section Showing Internal Components



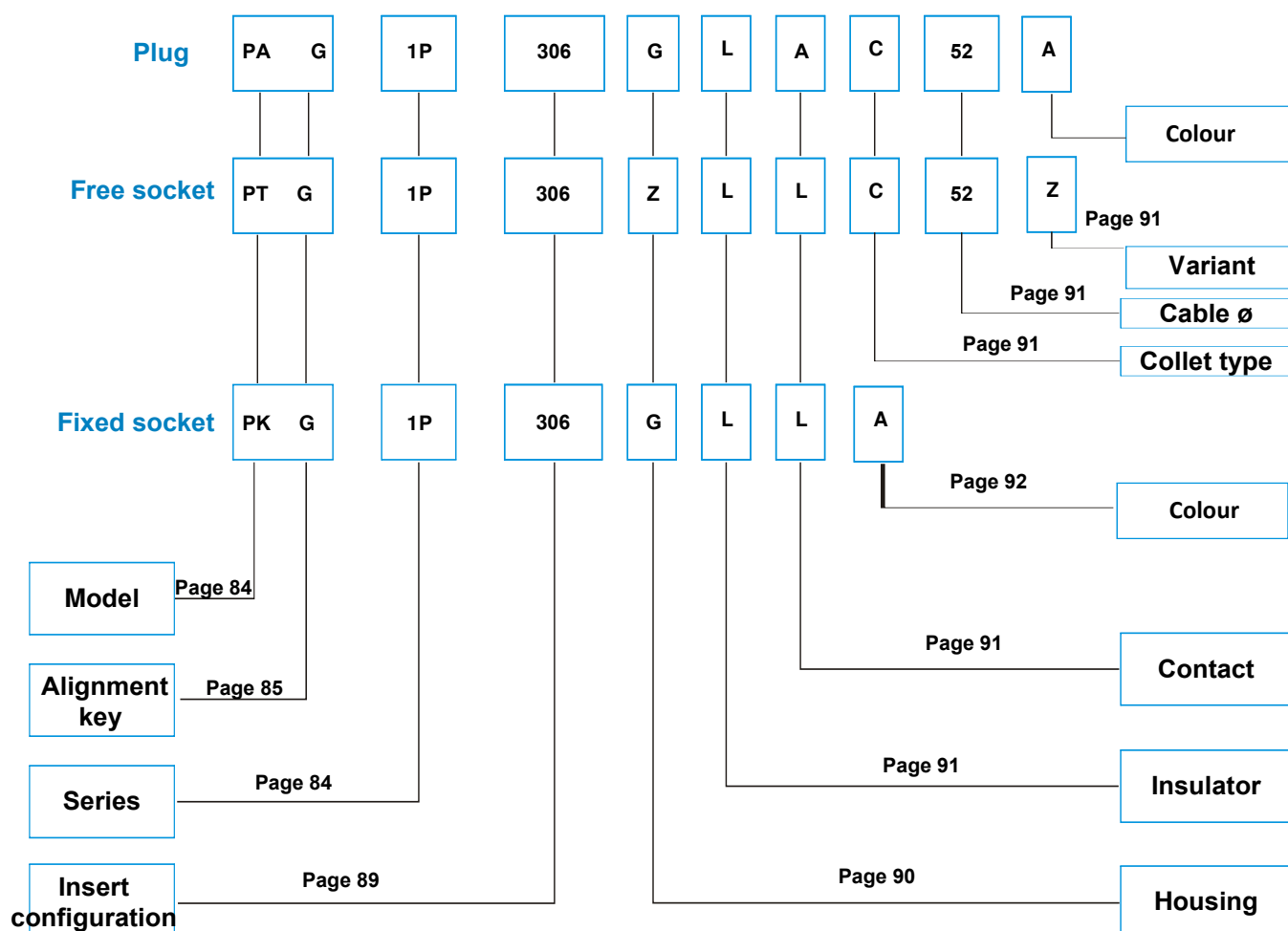
1P series connectors have main features as follows:

- security of the Push-Pull self-latching system
- multipole types 2 to 14 contacts
- solder, print contacts
- high packing density for space savings
- a keying system combined with colour coding can be incorporated on all connector types to assist in the prevention of mismatching.
- plastic shell, IP 50

1P Series Connectors Technical Characteristics:

- Endurance: > 1000 cycles
- Humidity: up to 95% at 60° C
- Temperature range: - 50° C, + 150° C
- Shock resistance: 100 g, 6 ms
- Resistance to vibrations: 10-2000 Hz, 15g
- Withstand voltage: 500V AC, 60S
- Protection index (mated): IP 50

1P Series Part Numbering System



Part Number Example

Straight Plug with Cable Collet:

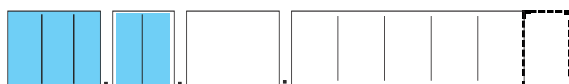
PAG.1P.306.GLAC52A = straight plug with key (G) and cable collet, 1P series, multipole type with 6 contacts, outer shell in grey PSU, PPS insulator, male solder contacts, collet for a cable 4.5 to 5.5 mm diameter and blue collet nut.

Free socket:

PTG.1P.306.ZLLC52Z = free socket with key (G) and cable collet, 1P series, multipole type with 6 contacts, outer shell in aluminium alloy, PPS insulator, female solder contacts, collet for a cable 4.5 to 5.5 mm diameter and nut for fitting a bend relief.

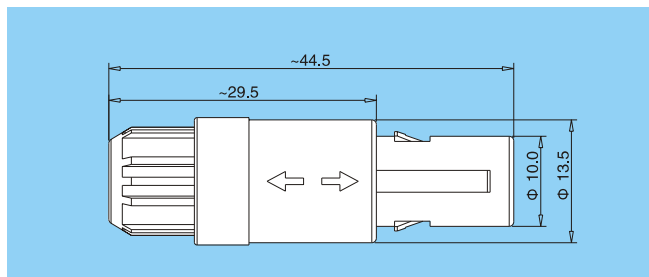
Fixed Socket:

PKG.1P.306.GLLA = fixed socket, nut fixing, with key (G), 1P series, multipole type with 6 contacts, outer shell in grey PSU, PPS insulator, female solder contacts.

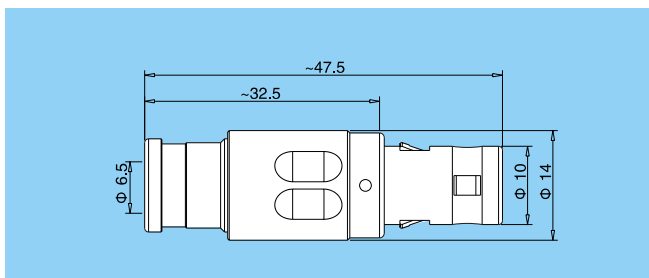


Plastic Housing Models:1P series

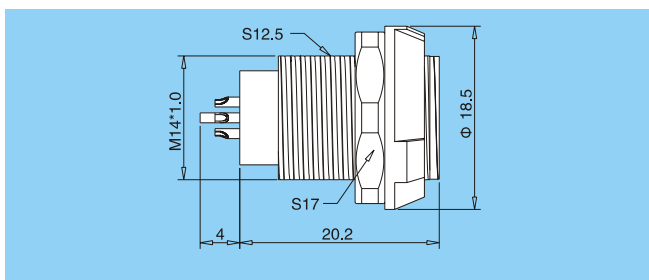
PAG Straight plug with cable collet



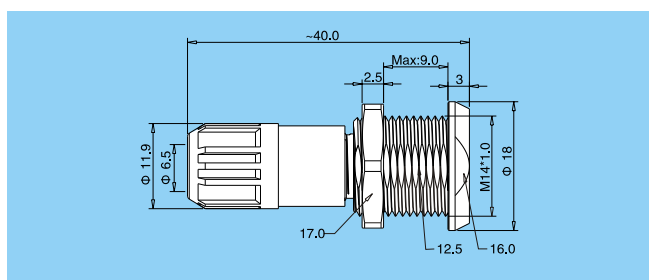
PLG Straight plug,out shell aluminum alloy, cable collet and nut for fitting a bend relief



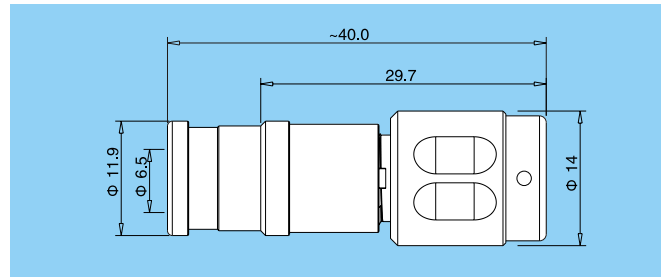
PKG Fixed socket with two nuts(back panel mounting)



PRG Fixed socket with two nuts and cable collet(back panel mounting),out shell aluminum alloy



PTG Free socket,out shell aluminum alloy



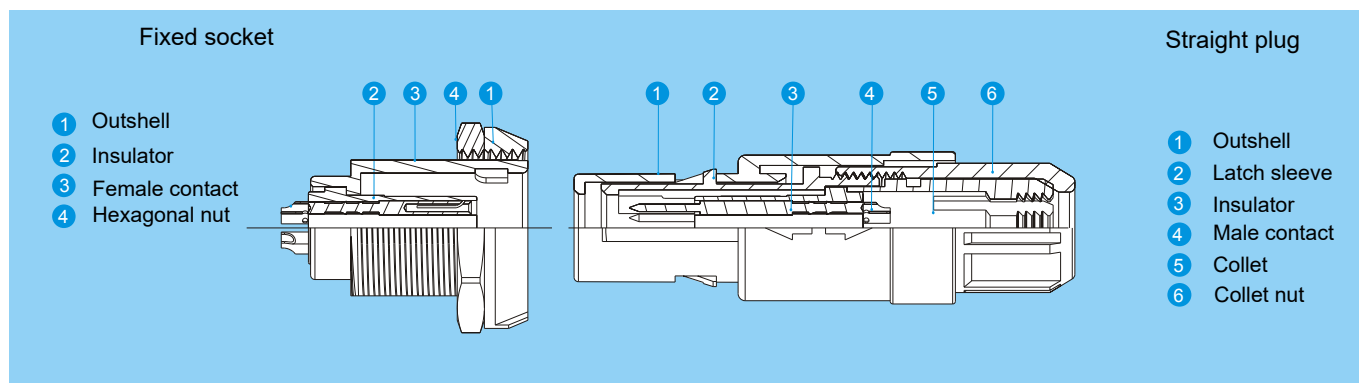
Alignment Key (1P series)

Alignment Key and Polarized Keying System

1P series connector model part numbers are composed of three letters. The LAST LETTER indicates the key position and the contact type (male or female)

	Graphical			
	0°	40°	60°	80°
Reference	G	A	B	C

Part Section Showing Internal Components



2P series connectors have main features as follows:

- security of the Push-Pull self-latching system
- multipole types 2 to 34 contacts
- $\varnothing$ 18 mm connector accommodates cable up to 9 mm and allows up to 34 solder contacts.
- high packing density for space savings
- colour coding of plug and socket flange will give an instant visual indication as to whether connectors are compatible or not.
- plastic shell, water resistant to IP 66 options are available.

2P Series Connectors Technical Characteristics :

- Endurance: > 1000 cycles
- Humidity: up to 95% at 60° C
- Temperature range: - 50° C, + 150° C
- Shock resistance: 100 g, 6 ms
- Resistance to vibrations: 10-2000 Hz, 15g
- Withstand voltage: 500V AC, 60S
- Protection index (mated): IP 66