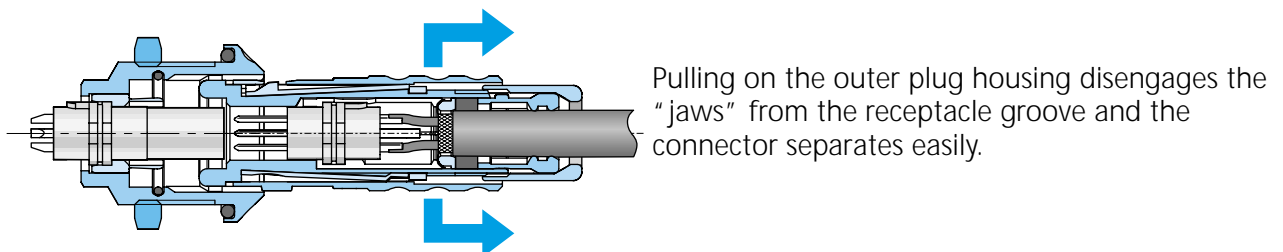
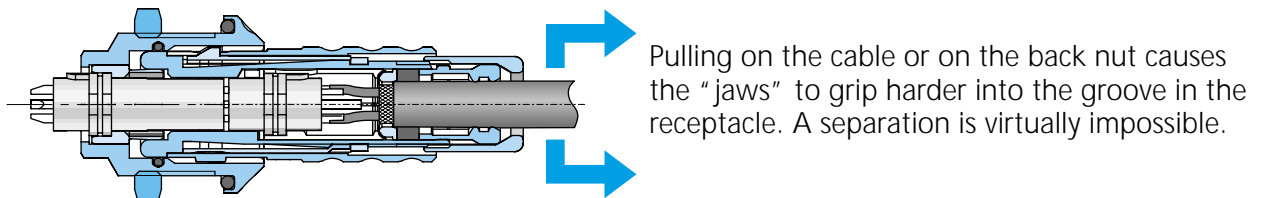
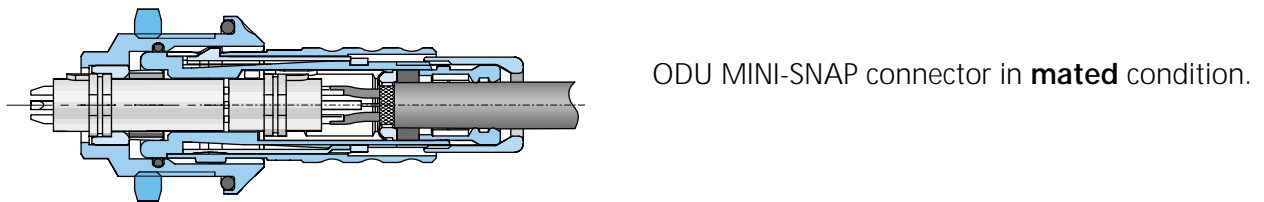
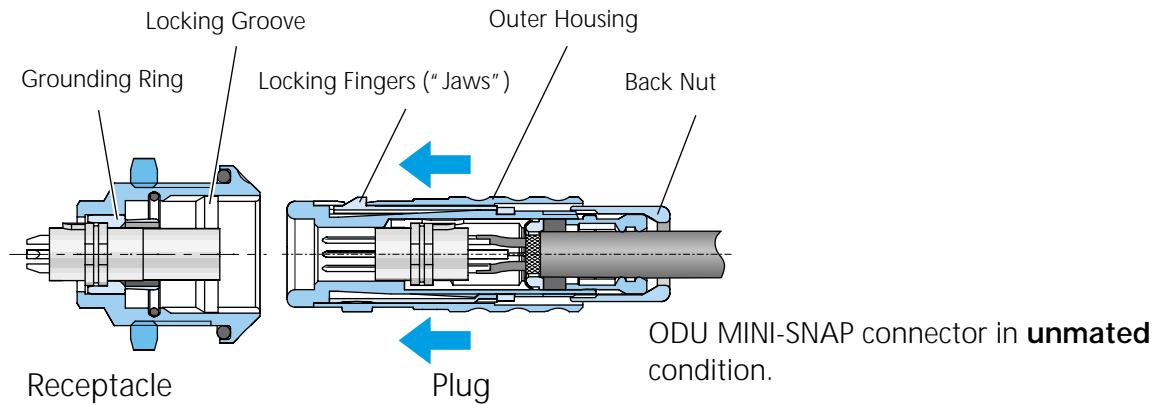




## The Push-Pull Locking Principle: LP

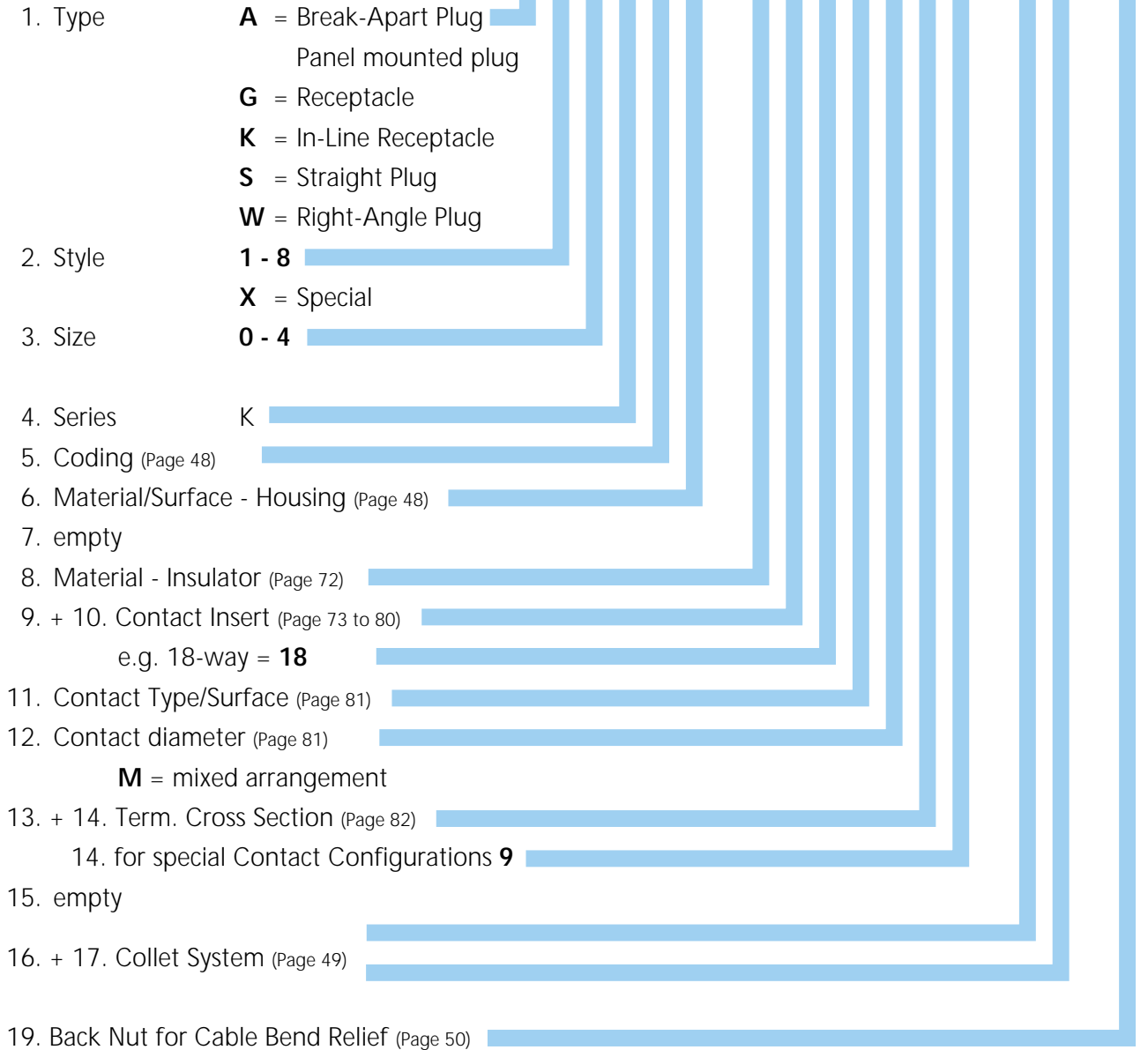
with Jaws like LEMO® (see page 9)



# The Part number key

## Part number key

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
			K			-									-			0



**Example:**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
G	3	2	K	F	C	-	T	1	6	N	F	G	0	-	0	0	0	0

Receptacle - Style 3 - Size 2 - Series K - Coding 60° - Brass matt chromate Housing - PBT Insulator - 16pos. - Socket(crimp) 0,75 µm Au -Term. Cross Section AWG22

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
S	2	2	K	F	C	-	P	1	6	M	F	G	0	-	7	0	0	S

Plug - Style 2 - Size 2 - Series K - Coding 60° - Brass matt chromate Housing - PEEK Insulator - 16pos. - Pin (solder) 0,75 µm Au - Term. Cross Section AWG22 - Cable Diameter 6.0-7.2 mm -Back Nut for Silicone Cable Bend Relief (to order seperatly)

Part number key

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
			K			-								-				0

**Straight Plug**

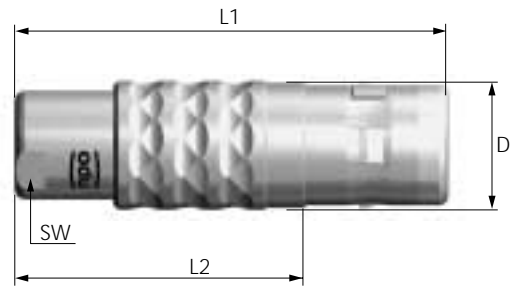
(Suitable for all following receptacles and in-line receptacles)

- S 1** - IP 68 – with Standard Back Nut
- S 2** - IP 68 – with Back Nut for Cable Bend Relief\*

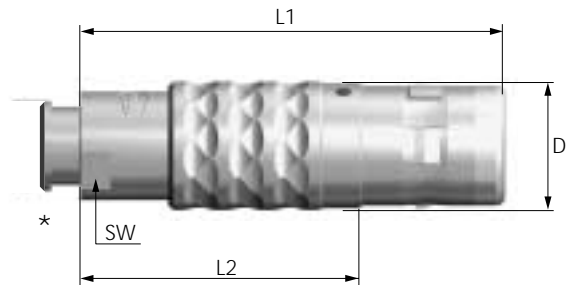
**S 1**



Contact configuration from page 73



**S 2**



Size	Dimensions in mm			
	L1	L2	D	SW
0	~ 37	~ 25	11	7
1	~ 44	~ 27	13	10
2	~ 50	~ 33	16	12
3	~ 60	~ 40	19	14
4	~ 70	~ 49	25	20

\* Cable Bend Reliefs have to be ordered separately.  
(see page 100 - 101)

### Part number key

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
			K			-								-				0



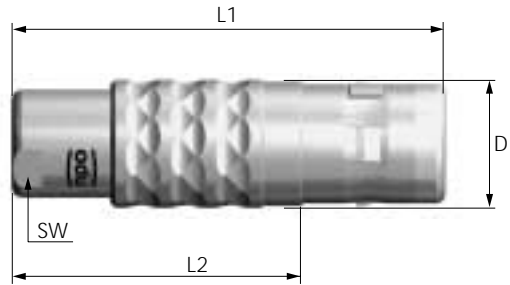
### Break-Apart-Plug

- A 1** - IP 68 – with Standard Back Nut
- A 2** - IP 68 – with Back Nut for Cable Bend Relief\*

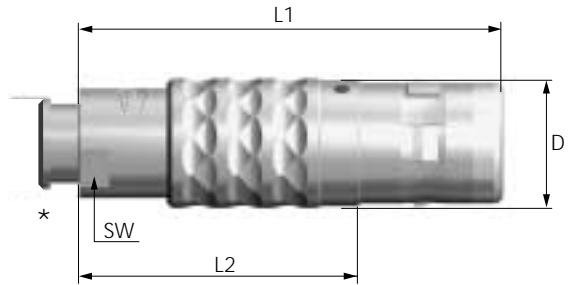
**A 1**



Contact configuration from page 73



**A 2**



Connector can be separated by pulling the cable.

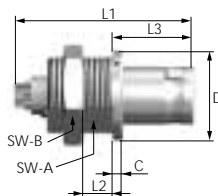
\* **Cable Bend Reliefs have to be ordered separately.**  
(see page 100 - 101)

Size	Dimensions in mm			
	L1	L2	D	SW
0	~ 37	~ 25	11	7
1	~ 44	~ 35	13	10

### Panel-Mounted Plug


- A A** - IP 68 – with hex nut, non-latching, installation from front of panel

**A A**



#### Technical Data

- IP 68 in mated condition
- anti-rotation feature
- contact configuration and PCB-Layout from page 73

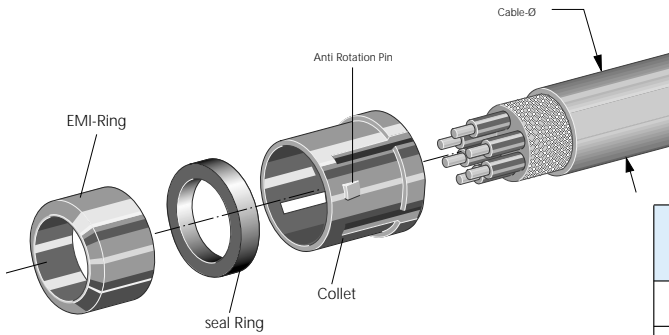
Size	Dimensions in mm									Panel cut-out
	L max.	L1	L2	L3	M	D	SW-A	SW-B		
1	28	23,5	4	16,3	16x1,0	19,9	14,5	18,5	SW 14,6 / Ø 16,1	
2	32	28	4,5	19	20x1,0	24,9	18,5	25	SW 18,6 / Ø 20,1	

Created to build up a docking connection between 2 instruments (E.g. a charging station).

# Collet System

## Part number key

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
			K			-								-				0



**Useable:** for all Plugs and In-Line Receptacles.

**Application:** **Collet nut** for strain relief.

Cable diameter in mm	Size				
	0	1	2	3	4
> 1,5 - 2,0	●	●			
> 2,0 - 2,5	●	●			
> 2,5 - 3,0	●	●	●		
> 3,0 - 3,5	●	●	●	●	
> 3,5 - 4,0	●	●	●	●	
> 4,0 - 4,5	●	●	●	●	
> 4,5 - 5,0	●	●	●	●	
> 5,0 - 5,5		●	●	●	
> 5,5 - 6,0		●	●	●	
> 6,0 - 6,5		●	●	●	
> 6,5 - 7,0		●	●	●	
> 7,0 - 7,5			●	●	
> 7,5 - 8,0			●	●	
> 8,0 - 8,5			●	●	
> 8,5 - 9,0			●	●	
> 9,0 - 9,5				●	
> 9,5 - 10,0				●	
> 10,0 - 10,5				●	
> 13,5 - 14,0					●
without cable collet					



2	0
2	5
3	0
3	5
4	0
4	5
5	0
5	5
6	0
6	5
7	0
7	5
8	0
8	5
9	0
9	5
0	1
0	2
1	4
0	0



### Insulation Body Material

#### Part number key

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
						-								-			0	



**T**

PBT

**P**

PEEK

**Additional materials on request**

#### Turned Contacts

Article Number	PBT	PEEK
Solder Termination	✓	✓
Crimp Termination	✓	✓*
PCB Termination	✓	✓

✓ = available

\* = PEEK insulators have crimp contacts with clip