

The best Quality/Price ratio

Standard Series

JAEGER

Connecteurs



Mai-2003

- **Receptacle, plug, cable connecting plug**
- **Locking** : Coupling of the plug is provided by a knurled ring which screws on to the threaded shell of the receptacle.
- **Protection** : IP 50 to IP 54 with potting compound into the shell and gasket under receptacle.
- **Contacts** : 3 to 52 contacts \varnothing 2mm, \varnothing 3mm and or \varnothing 4mm, with soldering contacts.
- **Max current rating** : 15A \varnothing 2mm, 35A \varnothing 3mm, 50A \varnothing 4mm, in consideration of the number of contacts carrying the current, their diameters, and the temperature increase which is permissible.
- **Contact resistance between pin and socket** : $<0.0015 \Omega$ \varnothing 2mm, $<0.0010 \Omega$ \varnothing 3mm, $<0.0007 \Omega$ \varnothing 4mm

- **Flashover voltage between adjacent contacts** : >2500 V A.C.
- **Flashover voltage between contacts closest to shell and shell** : >1500 V A.C., (>2000 V A.C. 4contacts \varnothing 4mm)
- **Insulation resistance** : >5000 M Ω
- **Operating temperature range** : - 40°C to +100°C (500 hours at +125°C).
- **Raw material** : male and female contacts : Brass with gold finish. body: light metal alloy with nickel finish.
- **Max, wire cross section area** : 1,34 mm² \varnothing 2mm - 3,18 mm² \varnothing 3mm - 5,26 mm² \varnothing 4mm.



Part numbers : Pin insert receptacles, socket insert plugs and cable connecting plugs, pin insert

Shell size	Contacts number	\varnothing contacts			circular flanged receptacle**	Square flanged receptacle pin insert	Socket insert plug	Cable connecting plugs pin insert	Cable clamp *** Type 3	Gaskets for receptacle	Protection caps receptacle	Protection cap socket insert plug
		\varnothing 2	\varnothing 3	\varnothing 4								
1	3	1	2		536 753 006	038 351 006	042 953 006	532 203 006	630 135 006	536 945 006	536 910 006	532 260 006
1	4	4			536 754 006	043 082 006	043 085 006	532 204 006	630 135 006	536 945 006	536 910 006	532 260 006
1	6	6			536 756 006	038 355 006	042 954 006	532 206 006	630 135 006	536 945 006	536 910 006	532 260 006
2	4*			4		533 763 006	530 763 006	530 768 006	630 138 006	536 946 006	536 911006	532 278 006
2	8	6	2		536 758 006	038 356 006	042 955 006	532 208 006	630 138 006	536 946 006	536 911006	532 278 006
2	12	12			536 762 006	038 359 006	042 956 006	532 212 006	630 138 006	536 946 006	536 911006	532 278 006
3	17	15	2		536 117 006	038 322 006	038 382 006	532 217 006	630 155 006	536 947 006	536 912 006	532 262 006
4	25	23	2		536 125 006	042 986 006	042 977 006	532 225 006	630 155 006	-	536 913 006	532 263 006
5	35	33	2		536 135 006	043 001 006	042 990 006	532 235 006	630 175 006	-	536 914 006	532 264 006
5	52	52			533 706 006	533 703 006	530 703 006	530 707 006	630 175 006	-	536 914 006	532 264 006

Part numbers : Socket insert receptacles, pin insert plugs and cable connecting plugs, socket insert

Shell size	Contacts number	\varnothing contacts			Socket insert receptacle	Pin insert plug	Cable connecting plug, socket insert	Cable clamp *** type 3	Gaskets for receptacle	Backshells for receptacle	Protection caps receptacle	Protection cap pin insert plug
		\varnothing 2	\varnothing 3	\varnothing 4								
1	3	1	2		536 603 006	532 603 006	530 153 006	630 135 006	536 945 006	536 935 006	536 910 006	532 265 006
1	4	4			536 604 006	532 604 006	530 154 006	630 135 006	536 945 006	536 935 006	536 910 006	532 265 006
1	6	6			536 606 006	532 606 006	530 156 006	630 135 006	536 945 006	536 935 006	536 910 006	532 265 006
2	4*			4	533 760 006	530 760 006	530 753 006	630 138 006	536 946 006	536 937 006	536 911006	532 279 006
2	8	6	2		536 608 006	532 608 006	530 158 006	630 138 006	536 946 006	536 937 006	536 911006	532 279 006
2	12	12			536 612 006	532 612 006	530 162 006	630 138 006	536 946 006	536 937 006	536 911006	532 279 006
3	17	15	2		536 617 006	532 617 006	530 170 006	630 155 006	536 947 006	536 996 006	536 912 006	532 267 006
4	25	23	2		536 625 006	532 625 006	530 175 006	630 155 006	-	536 880 006	536 913 006	532 268 006
5	35	33	2		536 635 006	532 635 006	-	630 175 006	-	536 881 006	536 914 006	532 269 006
5	52	52			533 700 006	530 700 006	-	630 175 006	-	536 881 006	536 914 006	532 269 006

*The contact No.4 of the receptacle Part No.533 760 006 and that of the cable connecting plug Part No.530 753 006, establishing an electrical liaison before the three other contacts and breaking it after they are uncoupled, can be used for earthing purposes.

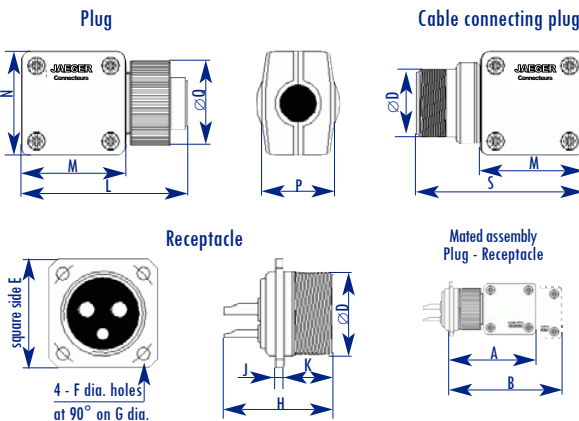
**Circular flanged receptacle : 3 to 12 contacts, nut mounting - 17, 25, 35 and 52 contacts, with gasket und flange to be installed with 4 screws and nuts.

***Cable-clamp, refer to the other documentation.

- Accessories for secure connectors shell sizes 1 and 2, please consult our sales office.

- Other accessories : bushings - solder type ferrule adapters - ferrule adaptors with pg thread - Screw type adapters for uncovered or covered flexible conduits - proofing accessories.

Dimensions :



Shell size	cts number	Mated assembly		Pin insert receptacle								Socket insert plug-Cable connecting plug, pin insert						
		A	B	D	E	F	G	H	J	K	L	M	N	P	Q	S		
1	3-4-6	52	64	21	27	3,2	28	24,8	2	12	50	32,2	32,2	20,2	26	50		
2	4	56	68	27	32	3,2	34	29	2	12	54	36,4	36,4	23,5	33	54		
2	8-12	56	68	27	32	3,2	34	24	2	12	54	36,4	36,4	23,5	33	54		
3	17	64	75	39	43	4,2	48	22,5	2	12	61	42,6	47,6	31,3	44	62		
4	25	71	83	45	47	4,2	54	23,7	2	12	67,3	47,8	53,8	30,6	51	69		
5	35	77,5	89,5	52	54	4,2	62	28,7	2	12	75	55	61,5	42,2	58	76		
5	52	77,5	89,5	52	54	4,2	62	27,5	2	12	75	55	61,5	42,2	59	76		
Shell size	cts number	Mated assembly		Socket insert receptacle								Pin insert plug-Cable connecting plug socket insert						
		A	B	D	E	F	G	H	J	K	L	M	N	P	Q	S		
1	3-4-6	56	66	21	27	3,2	28	25	2	16	49	32,2	32,2	20,2	26	51		
2	4	60	70	27	32	3,2	34	31	2	16	53	36,4	36,4	23,5	33	55		
2	8-12	60	70	27	32	3,2	34	24	2	16	53	36,4	36,4	23,5	33	55		
3	17	70	80	39	43	4,2	48	26	2	18,5	59	42,6	47,6	31,3	44	68		
4	25	77	87	45	47	4,2	54	26	2	18,5	67,2	47,8	53,8	30,6	51	73		
5	35	84	94	52	54	4,2	62	26	2	18,5	73	55	61,5	42,2	58	76		
5	52	82	89	52	54	4,2	62	32,5	2	18,5	75	55	61,5	42,2	59	76		