

C 091 B

Characteristics

General Characteristics	Standard	Characteristics									
Number of contacts		3	4	5	5 Stereo	6	7	7	8	12	14
View on termination side of contact insert											
Contact arrangement acc. to DIN		41 524	–	–	41 524	41 322	–	45 329	45 326	–	–
Contact arrangement acc. to IEC		130-9	–	–	130-9	130-9	–	130-9	130-9	–	–
Electrical Characteristics											
Rated voltage	IEC 60664-1	300 V ≈			100 V ≈	300 V ≈		150 V ≈			
Rated impulse withstand voltage	IEC 60664-1	1500 V			1200 V	1500 V		1200 V			
Pollution degree	IEC 60664-1	1									
Installation category	IEC 60664-1	I									
Insulation group	IEC 60664-1	3									
Test voltage	IEC 60664-1	980 V ~			670 V ~	980 V ~		670 V ~			
Current rating	IEC 60512-3 Test 5 b	5 A / + 40 °C / + 104 °F									3 A / + 40 °C / + 104 °F
Insulation resistance	IEC 60512-2 Test 3 a	> 10 ¹² Ω									
Contact resistance	IEC 60512-2 Test 2 a	< 5 m Ω									
Climatical Characteristics											
Climatic category	IEC 60668-1	40 / 85 / 56									
Temperature range	IEC 60668-1	- 40 °C ... + 85 °C / - 40 °F ... + 185 °F									
Mechanical Characteristics											
IP-degree	IEC 60529	IP 40									
Insertion and withdrawal forces	IEC 60512-7 Test 13 b	25 N 90.oz	30 N 110.oz	35 N 125.oz		50 N 180.oz	55 N 200.oz		60 N 220.oz	50 N 180.oz	
Mechanical operation	IEC 60512-5 Test 9 a	Silver ≥ 500 mating cycles Gold ≥ 1000 mating cycles									
Materials											
Housing material		die cast, nickel plated									
Dielectric material		thermoplastic									
Contact plating		silver plated / gold plated *									
Further Characteristics											
Termination technique		solder, crimp									solder
Wire gauge		solder ≤ 0,5 mm ² (20-26 AWG), crimp 0,14 – 1,0 mm ² (26-18 AWG)									≤ 0,25 mm/24 AWG
Flammability		UL 94 V0									
Locking system		bayonet									

Characteristics

Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground.

* Remark for gold plated contacts

To avoid brittle intermetallic connections gold-plated soldering terminals must be pre-tinned before soldering.

C 091 B

Male cable connector,
bayonet locking inside



cable outlet 6 mm



cable outlet 8 mm



cable outlet 6.5 mm



right-angled

Description	Drawing	No. of cont.	Part Number solder termination		Part Number Crimp termination ¹⁾
			Contact plating silver	Contact plating gold ²⁾	
Male cable connector, max. cable outlet 6 mm, termination: solder or crimp, contact plating: silver or gold.		3 DIN	T 3274 501	T 3274 518	T 3274 551
		4 IEC	T 3324 501	T 3324 518	T 3324 551
		5	T 3374 501	T 3374 518	T 3374 551
		5 S DIN	T 3394 501	T 3394 518	T 3394 551
		6 DIN	T 3424 501	T 3424 518	T 3424 551
		7	T 3434 501	T 3434 518 ⁴⁾	T 3434 551
		7 DIN	T 3444 501 ⁴⁾	T 3444 518 ⁴⁾	T 3444 551 ⁴⁾
		8 DIN	T 3524 501	T 3524 518 ⁴⁾	T 3524 551
		12	T 3624 501	T 3624 518 ⁴⁾	—
		14	T 3644 501 ⁴⁾	T 3644 518 ⁴⁾	—
Male cable connector, max. cable outlet 8 mm, termination: solder or crimp, contact plating: silver or gold.		3 DIN	T 3274 502	T 3274 528 ⁴⁾	T 3274 552
		4 IEC	T 3324 502	T 3324 528 ⁴⁾	T 3324 552
		5	T 3374 502	T 3374 528 ⁴⁾	T 3374 552
		5 S DIN	T 3394 502	T 3394 528 ⁴⁾	T 3394 552 ⁴⁾
		6 DIN	T 3424 502	T 3424 528 ⁴⁾	T 3424 552
		7	T 3434 502	T 3434 528 ⁴⁾	T 3434 552
		7 DIN	T 3444 502 ⁴⁾	T 3444 528 ⁴⁾	T 3444 552 ⁴⁾
		8 DIN	T 3524 502	T 3524 528 ⁴⁾	T 3524 552 ⁴⁾
		12	T 3624 502	T 3624 528 ⁴⁾	—
		14	T 3644 502	T 3644 528 ⁴⁾	—
Male cable connector, max. cable outlet 6.5 mm, termination: solder or crimp, contact plating: silver or gold.		3 DIN	T 3274 504 ⁴⁾	T 3274 548 ⁴⁾	T 3274 554 ⁴⁾
		4 IEC	T 3324 504 ⁴⁾	T 3324 548 ⁴⁾	T 3324 554 ⁴⁾
		5	T 3374 504 ⁴⁾	T 3374 548 ⁴⁾	T 3374 554 ⁴⁾
		5 S DIN	T 3394 504 ⁴⁾	T 3394 548 ⁴⁾	T 3394 554 ⁴⁾
		6 DIN	T 3424 504 ⁴⁾	T 3424 548 ⁴⁾	T 3424 554 ⁴⁾
		7	T 3434 504 ⁴⁾	T 3434 548 ⁴⁾	T 3434 554 ⁴⁾
		7 DIN	T 3444 504 ⁴⁾	T 3444 548 ⁴⁾	T 3444 554 ⁴⁾
		8 DIN	T 3524 504 ⁴⁾	T 3524 548 ⁴⁾	T 3524 554 ⁴⁾
		12	T 3624 504 ⁴⁾	T 3624 548 ⁴⁾	—
		14	T 3644 504 ⁴⁾	T 3644 548 ⁴⁾	—
Male cable connector, right-angled, max. cable outlet 6 mm, termination: solder or crimp, contact plating: silver or gold.		3 DIN	T 3274 005	T 3274 058 ⁴⁾	T 3274 055 ⁴⁾
		4 IEC	T 3324 005	T 3324 058 ⁴⁾	T 3324 055 ⁴⁾
		5	T 3374 005	T 3374 058	T 3374 055
		5 S DIN	T 3394 005	T 3394 058 ⁴⁾	T 3394 055 ⁴⁾
		6 DIN	T 3424 005	T 3424 058 ⁴⁾	T 3424 055
		7	T 3434 005	T 3434 058 ⁴⁾	T 3434 055 ⁴⁾
		7 DIN	T 3444 005 ⁴⁾	T 3444 058 ⁴⁾	T 3444 055 ⁴⁾
		8 DIN	T 3524 005	T 3524 058 ⁴⁾	T 3524 055 ⁴⁾
		12	T 3624 005	T 3624 058 ⁴⁾	—
		14	T 3644 005	T 3644 058 ⁴⁾	—

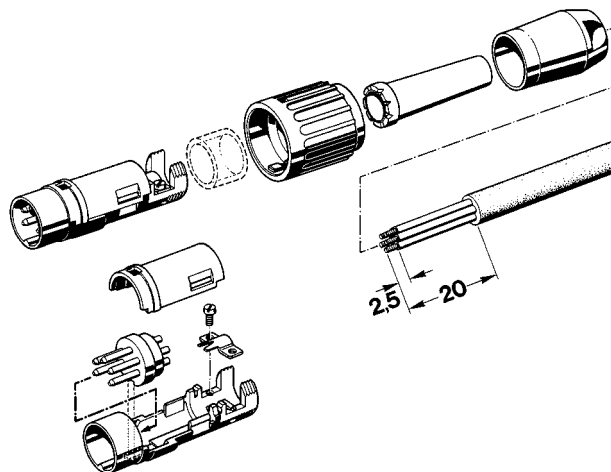
¹⁾ Please order crimp contacts separately, see page 46 ²⁾ see remark page 23

⁴⁾ Available upon request. Min. order qty. 100 pcs/type.

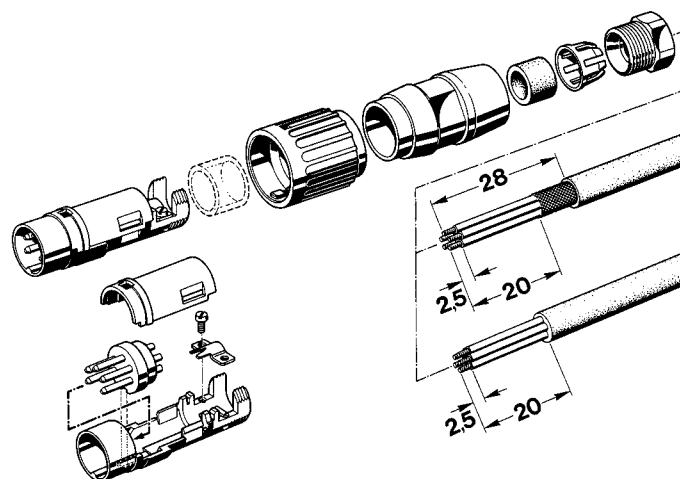
C 091 B

Male cable connector,
bayonet locking inside,
assembling instructions

Male cable connector, max. cable outlet 6 mm



Male cable connector, max. cable outlet 6.5 mm or 8 mm



Male cable connector, right-angled

