

8900.** SPECIAL TERMINALS · END CONNECTORS



Specification With insulation support

Wire size mm² (AWG) 0,5-1 (20-18)

Ø Insulation (mm) 2-2,9

Materials, temperature and contact resistance


Part nr.	Material	Finishing	Max. Temp. (°C)
8900.00	Brass	Natural	110
8900.02	Brass	Tin plated	120
8900.04	Brass	Nickel-plated	130
8900.24	Steel	Nickel-plated	300

Material thickness (mm) 0,3

Application tool MN8900

Wire strip length 7.3 (±0.3) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.50 mm ²	1.25 (±0.03)	2.04 (±0.03)	3.05 (±0.10)	56N @ 60s
0.75 mm ²	1.35 (±0.05)	2.03 (±0.05)	3.05 (±0.10)	84N @ 60s
1.00 mm ²	1.45 (±0.05)	2.02 (±0.05)	3.06 (±0.10)	108N @ 60s

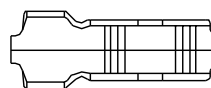
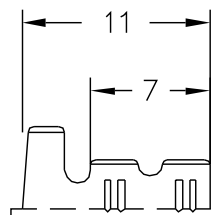
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

Winding number 15000

Approvals



Drawing



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A2	Change company name and logo	2021-10-21	E.Roura (Laboratory Dept.)	M.Codina (Engineering Dept.)
A1	Datasheet generated automatically [A1]	2020-09-23	E.Roura (Laboratory Dept.)	M.Codina (Engineering Dept.)

Escubedo Connection Systems, S.A.U. · Ctra. de Girona-Olot Km. 35,5 · 17843 Riudellots de la Creu · Girona · Spain
Tel.: 34 972 171 706 · Fax: +34 972 171 714 · info@escubedo.com · www.escubedo.com