

Technical Characteristics

Mechanical

Contact diameter 2, 3, 4, 5poles	Ø 1mm	DIN EN 61076-2-101
Contact diameter 8poles	Ø 0.8mm	DIN EN 61076-2-101
Coding	A-code, D-code	
Mating cycles	>500	
Contact retention force	>20N	EN 61984

Electrical

Current rating	4 A (2...5 contacts) 2 A (6...8 contacts)	
Voltage rating	90 V (5 poles A-code) 250 V 60 V 30 V	NF F 61-030 DIN 61 076-2-101 (4 contacts) DIN 61 076-2-101 (5 contacts) DIN 61 076-2-101 (8 contacts)
Withstanding voltage	2500 V	EN 50124-1
Contact resistance	<7 mΩ	
Insulation resistance	≤9 x 10 ³ MΩ	
Overvoltage category	III	EN 61984

Material & Finishes

Shell	Brass, zinc-diecast	
Machined contacts	CuZn alloy	
Stamped contacts	Tin-bronze, stainless steel	
Insert	PA66, PA6	
Sealing	FPM	
Shell plating	Nickel	
Machined contacts plating	Nickel and gold	
Stamped contacts plating	Partly gold plated	

Physical & Environmental

Operating temperature range	-40°C ... 125°C	
Environmental level	IP67	
Contamination level	3 PD3A	DIN 60664-1 EN 50124-1
Installation altitude	2000 m (2 – 5poles) 6000 m (8poles)	EN 61984
Fluid resistance	Oil, hydrolysis, microbes	
Salt spray	500h	
Fire & Smoke	VO	UL 94
RoHS	Compliant	