

Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



8mm 180° Inline Connection

C390_1P03_XXXX_2001 – F
C390_1N03_XXX_2001 – M



Product Description

8mm 180° Inline Connection

It is used in the 48V electrical system. The connection is used wherever a conventional, continuous line is not possible.

PRODUCT CHARACTERISTICS

Mating design	- CPA
Terminal system	- Ø8,0mm RADSOK® contact system, silver plated, tin plated crimp area
Termination technology	- Crimping
General features	- 180° Inline connector design - For 48V electrical system - Male housing equipped with standard fixing element

CONSTRUCTION

Housing material	PBT GF10
Contact material	Copper Alloy (Ag plated)
standard wire	16mm ²

PERFORMANCE CHARACTERISTICS

Nominal current	95A @105°C
Voltage range	<60V DC/AC
Temperature range	-40°C to +105°C
Leak-tightness	IP6K9K
Vibration class	3 (LV 214/PG17)

DIMENSIONAL CHARACTERISTICS

Length (mated)	156 mm	Height (max)	33,5 mm
Length (unmated)	189 mm	Width (max)	27,8 mm