## **Amphenol Automotive**

Amphenol-Tuchel Electronics GmbH

## 4mm 90° GROUNDSOK®- 1

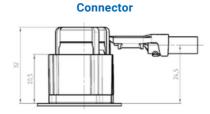


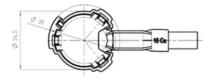
Product Description 4mm 90° GROUNDSOK®- 1

Plug connector with spring lock function for ground connections in vehicles (pin on body).

PRODUCT CHARACTERISTICS Mating design	<ul> <li>Self-locking plug connection with spring lock function (GoNoGo), usable for 4 mm contact pin</li> <li>No interface required</li> </ul>
Terminal system	- 1 x 4.0mm RADSOK® contact system - Silver plated
Power Termination technology	Customer specific cable connection (crimped or welded); cable crosssection up to 16 mm <sup>2</sup>
General features	- Not sealed - Not shielded - Cable cross section up to 16 mm²
CONSTRUCTION	
Housing material	PBT GF30
Contact material	Copper Alloy (silver plated)
standard wire	Up to 16mm <sup>2</sup>
PERFORMANCE CHARACTERIS	STICS
Vibration class	V1 (acc. to VW 75174)
Mating force	Max. 75N
Current profile	Max. 100A @ 80°C*
Voltage range	<60V
Temperature range	-40°C to +125°C

## DIMENSIONAL CHARACTERISTICS





( Ø 7,4 ) ( Ø 4 ) † 52

Pin

\*Derating acc. DIN EN 60512-5-2 with crimped cable. Contact free in air. Current value depending on crimpholder design, cable connection and pin material