

SealStar Potential Distributor

Simplifying Ground Connections



HIRSCHMANN
AUTOMOTIVE

DRIVEN BY QUALITY AND INNOVATION

Modern vehicle architectures require numerous ground points distributed throughout the chassis, increasing harness complexity and the number of individual connections. The SealStar Potential Distributor provides a compact, robust and watertight solution for combining multiple ground points within the harness or connecting them directly to the chassis – without compromising electrical or mechanical performance.

By consolidating individual ground points, the SealStar Potential Distributor reduces the number of ground connections and splices, simplifying the harness and reducing assembly effort. As an off-the-shelf catalogue product, it eliminates the need for custom development while providing a scalable solution with short implementation times. Designed to withstand demanding environmental conditions, the SealStar Potential Distributor delivers a reliable, durable and space-efficient solution for ground distribution in modern vehicle architectures.



Characteristics:

Efficient and reliable potential distribution is key to reducing complexity in modern vehicle architectures. Our SealStar Potential Distributor delivers both – combined with a range of additional benefits:

- robust resistance to environmental influences
- off-the-shelf catalogue product – no custom development required
- fewer ground connections by consolidating individual grounding points
- fewer splices and reduced splicing effort within the wiring harness
- screw-on or locking geometry integrated into the connector housing
- contacts can be installed individually in the potential and ground distributors

TECHNICAL PRODUCT INFORMATION

TYPE OF PRODUCT	potential distributor
TERMINAL BLADE SIZE	1.2, 2.8 mm
NUMBER OF PINS	8 to 13way
CENTERLINE OF TERMINALS (Pitch)	4.0, 5.0 mm
SEALED APPLICATION	sealed

TEMPERATURE

TK3
(Ag) Tmax
+125° C

Tmin
-40° C



VIBRATION

SG2
(Ag)



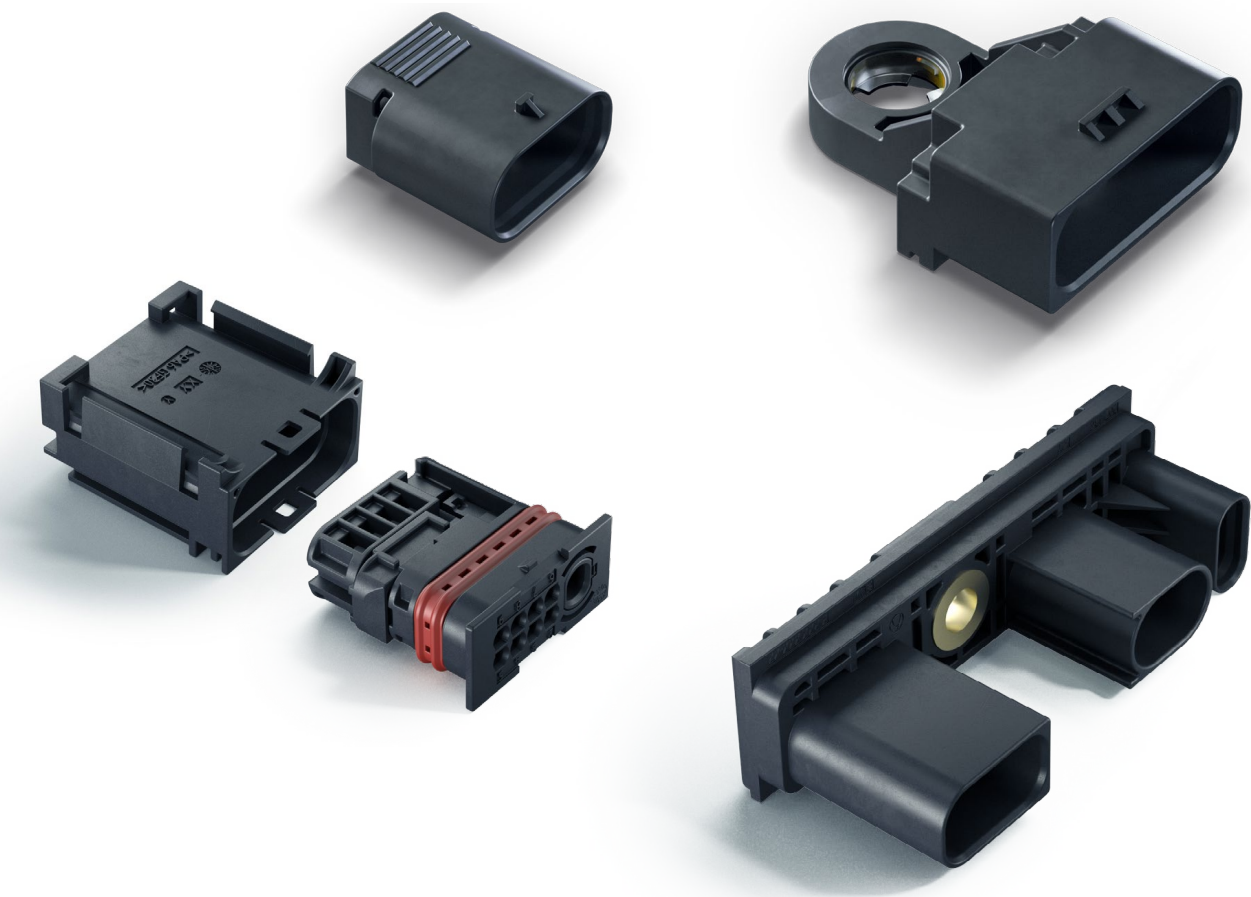
SEALED PROTECTION

D4
S2 V S3
IPx8/IPx9K



PRODUCT VARIANTS: POTENTIAL DISTRIBUTOR

NUMBER OF PINS	TERMINAL BLADE SIZE	NUMBER OF TERMINAL ROWS	ORDER/PRODUCT NO.	FEATURE
8	1.2	2	813-846-501	
8+1	1.2, 2.8	2	807-833-..., 807-831-...	Hybrid, Sleeve + Contact Carrier
10	1.2, 2.8	2	909-457-001	Hybrid, GRD Connection
13	1.2, 2.8	2	907-136-...	GRD Connection



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