



SMEMA N-1 female connection cable

Y- and T-splitters

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
SMEMA N-1 female connection cable	2121291

Other models and accessories → www.sick.com/Y_and_T-splitters

Detailed technical data

Technical specifications

Connection type head A	Male connector, M12, 4-pin, A-coded								
Connection type head B	Female connector, SMEMA CPC, 14-pin								
Locking plug connector	Screw connection								
Connector material	TPU (head A)								
Connector color	Black								
Cable	2 m, 4-wire, PUR, halogen-free								
Jacket material	PUR, halogen-free								
Jacket color	Black								
Cable diameter	4.5 mm								
Conductor cross section	0.34 mm ²								
Shielding	Unshielded								
Bending radius	<table border="0"> <tr> <td>Flexible use</td> <td>> 10 x cable diameter</td> </tr> <tr> <td>Stationary position</td> <td>> 5 x cable diameter</td> </tr> <tr> <td>Drag chain operation</td> <td>> 10 x cable diameter</td> </tr> </table>	Flexible use	> 10 x cable diameter	Stationary position	> 5 x cable diameter	Drag chain operation	> 10 x cable diameter		
Flexible use	> 10 x cable diameter								
Stationary position	> 5 x cable diameter								
Drag chain operation	> 10 x cable diameter								
Bending cycles	10,000,000								
Current loading	4 A								
Signal type	Digital I/Os								
Description	Connection cable for SMEMA N-1 connection of machine to SIM sensor connection for Hermes upstream communication								
Operating temperature	<table border="0"> <tr> <td>Flexible use</td> <td>-25 °C ... +80 °C</td> </tr> <tr> <td>Stationary position</td> <td>-40 °C ... +80 °C</td> </tr> <tr> <td>Drag chain operation</td> <td>-25 °C ... +80 °C</td> </tr> <tr> <td>Head</td> <td>-25 °C ... +85 °C</td> </tr> </table>	Flexible use	-25 °C ... +80 °C	Stationary position	-40 °C ... +80 °C	Drag chain operation	-25 °C ... +80 °C	Head	-25 °C ... +85 °C
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SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com