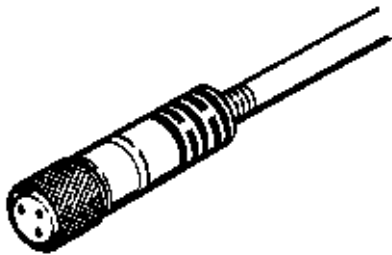# Socket connector cable
SIM-M8-3GD-2,5-PU

For sensors and proximity switches.

Socket plugs SEA, SIE and SIM are used for connecting proximity sensors, inductive and optoelectronic sensors, pressure and vacuum
switches, and pressure sensors.

- Plug socket SIE
- Sensor plug SEA

- Plug socket with cable SIM
- To 300 V DC
- To 250 V AC
- Clip-on or screw-in plug sockets with M8/M12 locknut
- Cable sheath made from non-polluting polyurethane (-PU)
- 2.5, 5 or 10 m cable lengths
- 3, 4 or 5-pin variants
- Plug sockets with or without integrated LED for standby and function displays
- Plug socket in welding field resistant design
- Clean Design plug socket with cable, with detent (-CDN)
These cables have BGA/FDA approval for use in the food processing industry.

Plug socket SIE
Plug SEA
These plugs and plug sockets are configured by the user.
They are available in 3, 4 and 5-pin variants with M8 or M12 locknut.
An insert with an LED for displaying the operating status is available for plug socket SIE-GD.
With plug type SEA-3GS-M8-S, the cable is clamped using a screw terminal.

Plug sockets with cable SIM-K
These clip-on sockets with cable do not have locknuts for attaching the plug socket to the sensor.
Available with straight socket GD or angled socket WD.

Plug socket with cable SIM-M8/SIM-M12
Depending upon the variant, these plug sockets have an M8 or an M12 locknut for secure mounting. The plug sockets are available in
3-pin or 4-pin variants. Plug sockets PSL and NSL for PNP and NPN switching outputs have encapsulated electronics.

Type SIM-M12-RS has a PVC cable with steel sheath. It is thus suitable for use in welding equipment.

SIM-M8-3GD-2,5-PU

Socket connector cable

Feature	Data/description
Ambient temperature min. standard	**-40 °C**
Ambient temperature max. standard	**70 °C**
Correlation ambient temperature /hours	**Fixed cable installation**
Ambient temperature max. screwed-in	**-5 °C**
Ambient temperature max. limited	**70 °C**
Ambient temperature class, screwed in	**Flexible cable installation**
Air connection type elec.	**Cable/socket**
Number of cores	**3**
Core cross section	**0,25 mm2**
Length of cable	**2500 mm**
Diameter of connecting cable	**4,5 mm**
Material, cable sheath	**TPE-U(PU)**
Degree of protection	**IP67**