

Sensor Distributor

For connecting all SCHUNK sensors and sensor systems (IN/INK/MMS, etc.). In the versions 2 (V2), 4 (V4) and 8 (V8).



Function description

Distributors collect incoming signals and forward them in a single cable. This eliminates with unnecessary cables. The switching state of the connected components can be checked by the LEDs integrated in the distributor.

Your advantages and benefits

Status and switching display via LED

for directly checking the switching state

One feeder cable

making it ideal for feeding through signals

Sturdy PA housing

for a long life and resistance to many chemicals

Application example



Area of application

Sensor distributors from SCHUNK are universal and resistant to vibration, dust and humidity. They are therefore suitable for use in both clean and dirty environments.

1 V 8 Sensor Distributor

2 SRU 63 Flat Rotary Actuator

3 PHE Stroke Module

4 PGN 2-Finger Parallel Gripper
with workpiece-specific gripper
fingers

General information

Materials

Housing: PA 6 GF 30, black

Cable: PUR sheathing

Mounting

with screws

Protection class to DIN 40050

IP 67 when connected

Scope of delivery

Complete incl. sealing plugs for sealing unused connections, 1 set of labels

Warranty

24 months

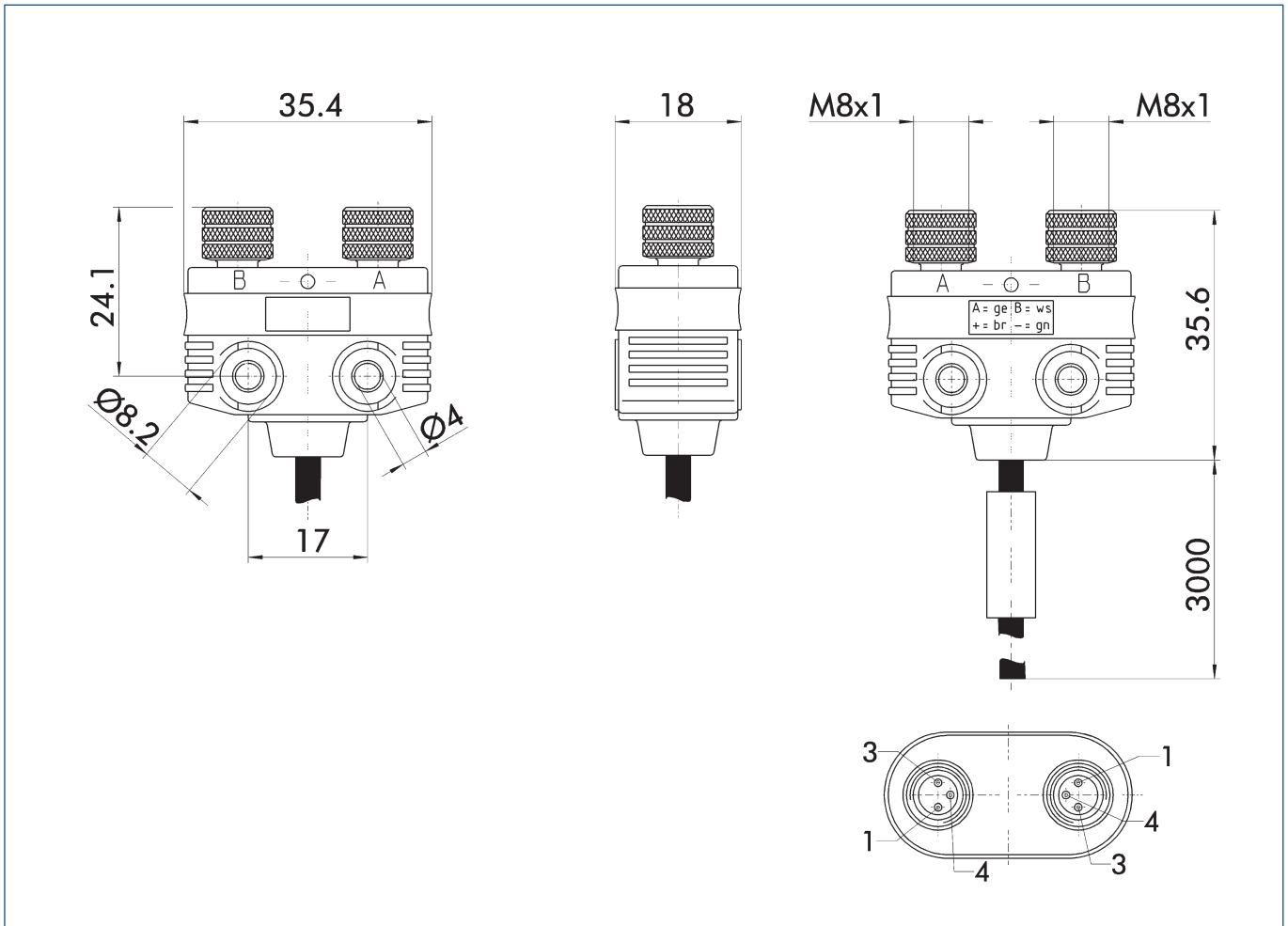




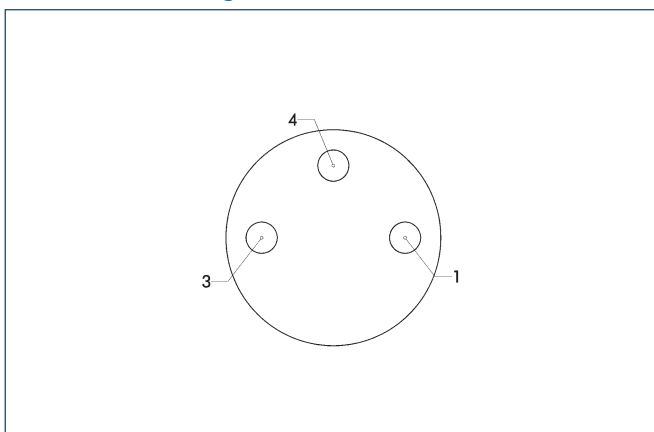
Technical data

Description		V 2-M8	V 2-M12
	ID	0301900	0301589
Socket		M8*1	M12*1
Cable length	[m]	3.0	3.0
Nominal voltage	[V]	24.0	24.0
Min. voltage	[V]	10.0	10.0
Max. voltage	[V]	30.0	30.0
Max. current per wire	[A]	2.0	2.0
Max. overall current		2.0	2.0

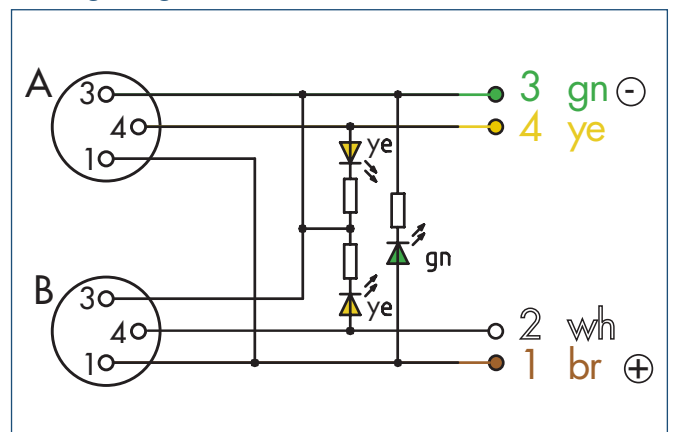
Main views of the V 2-M8



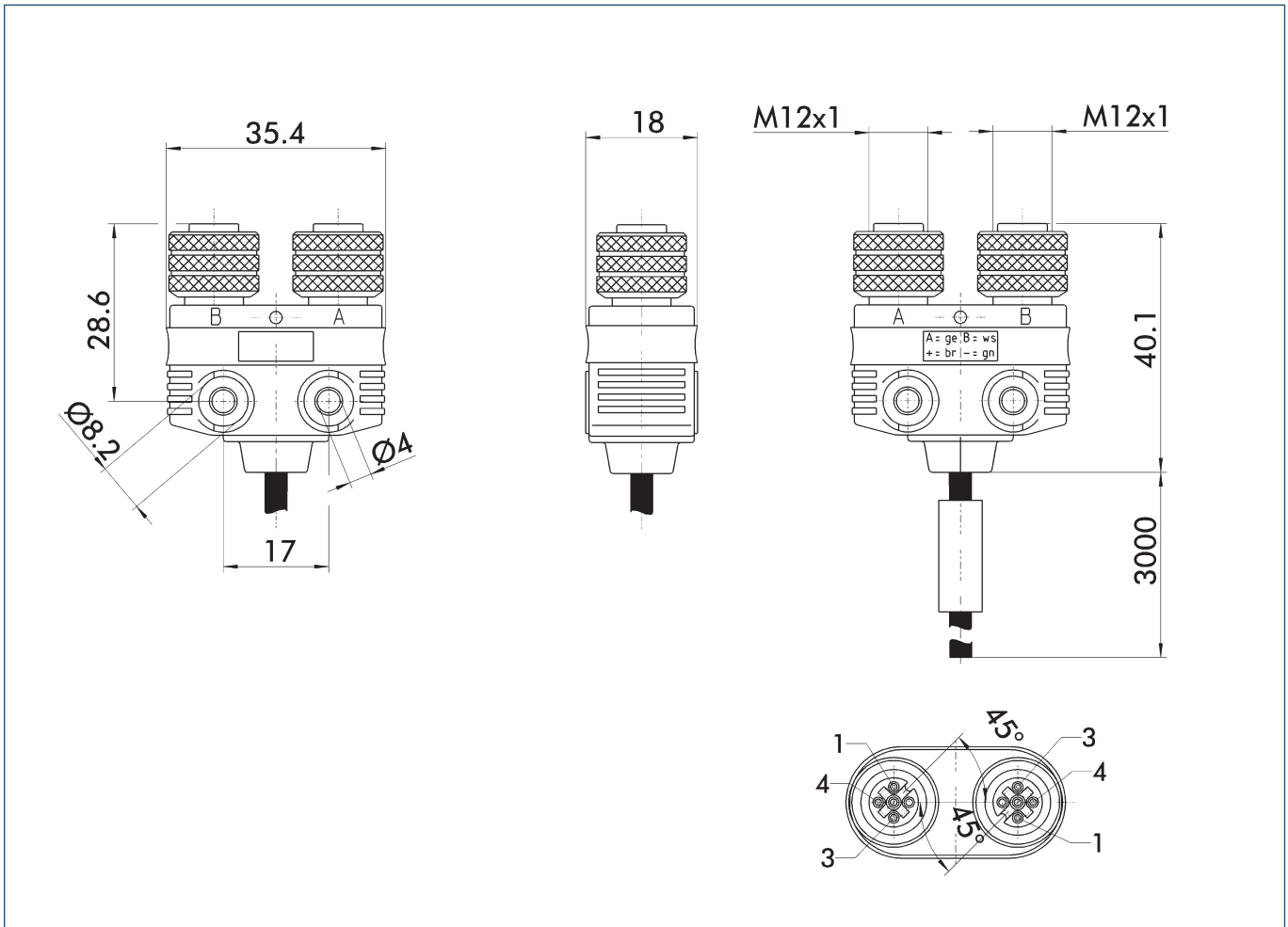
M8 contact assignment



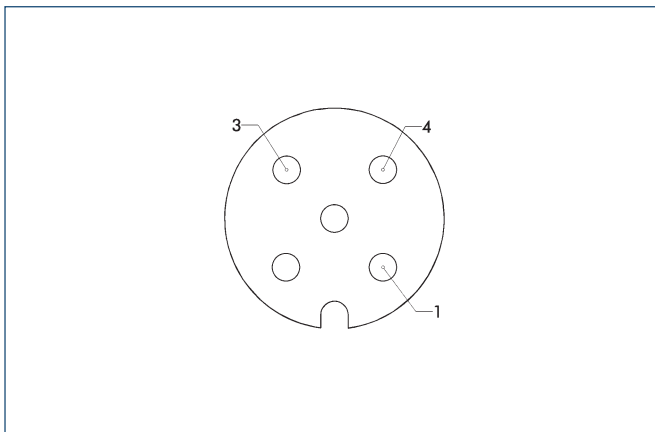
Wiring diagram



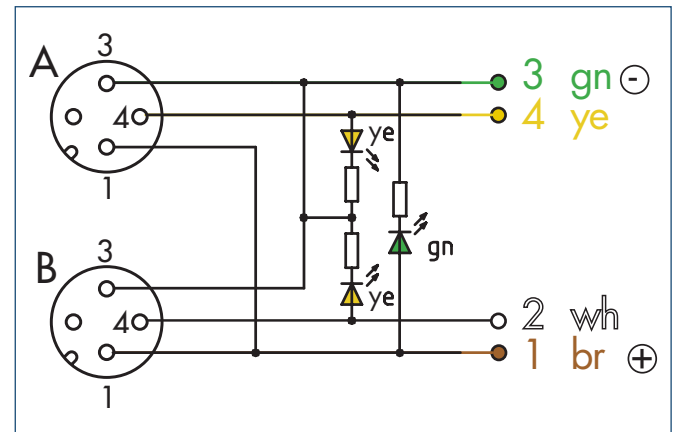
Main views of the V 2-M12

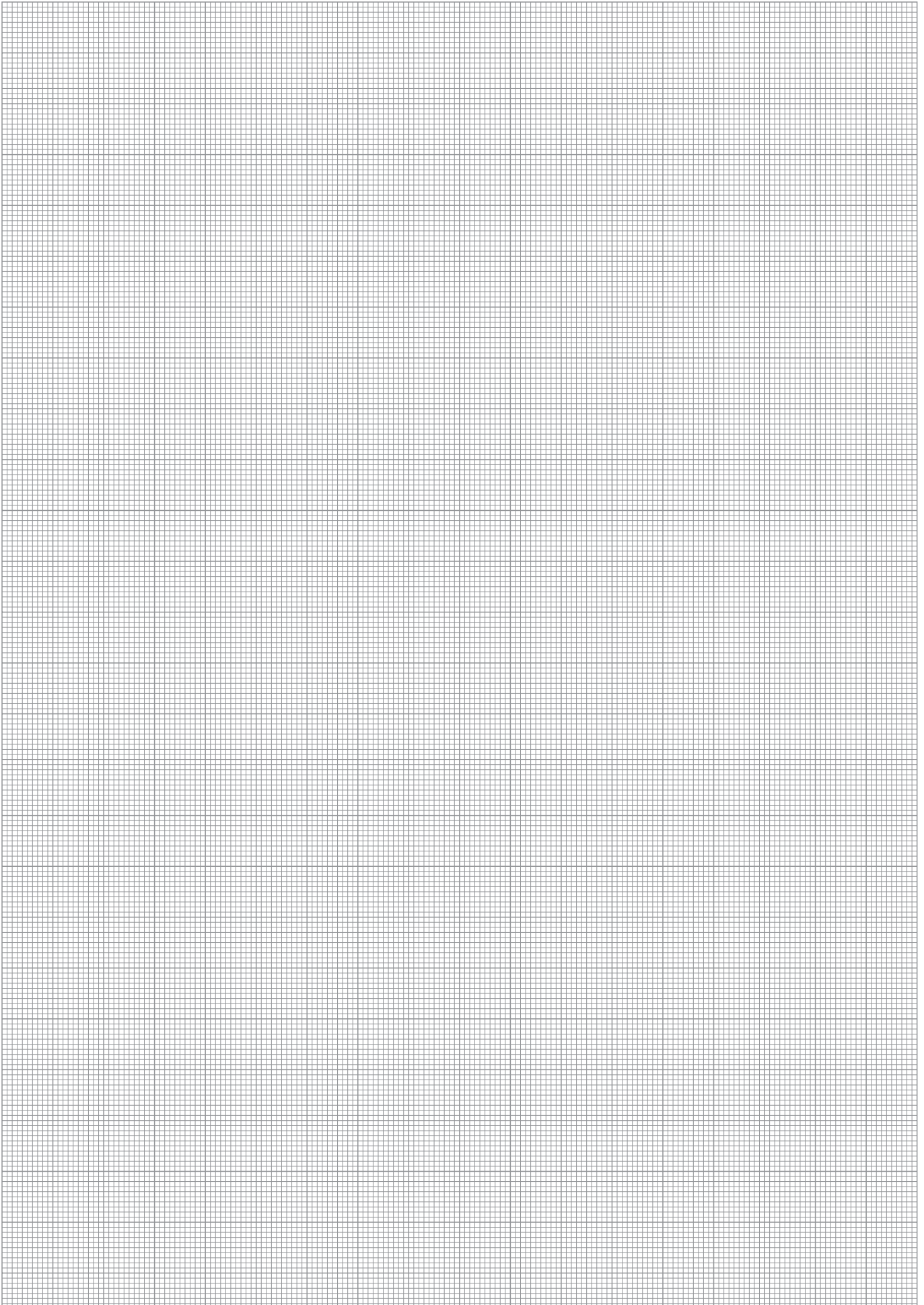


M12 contact assignment



Wiring diagram



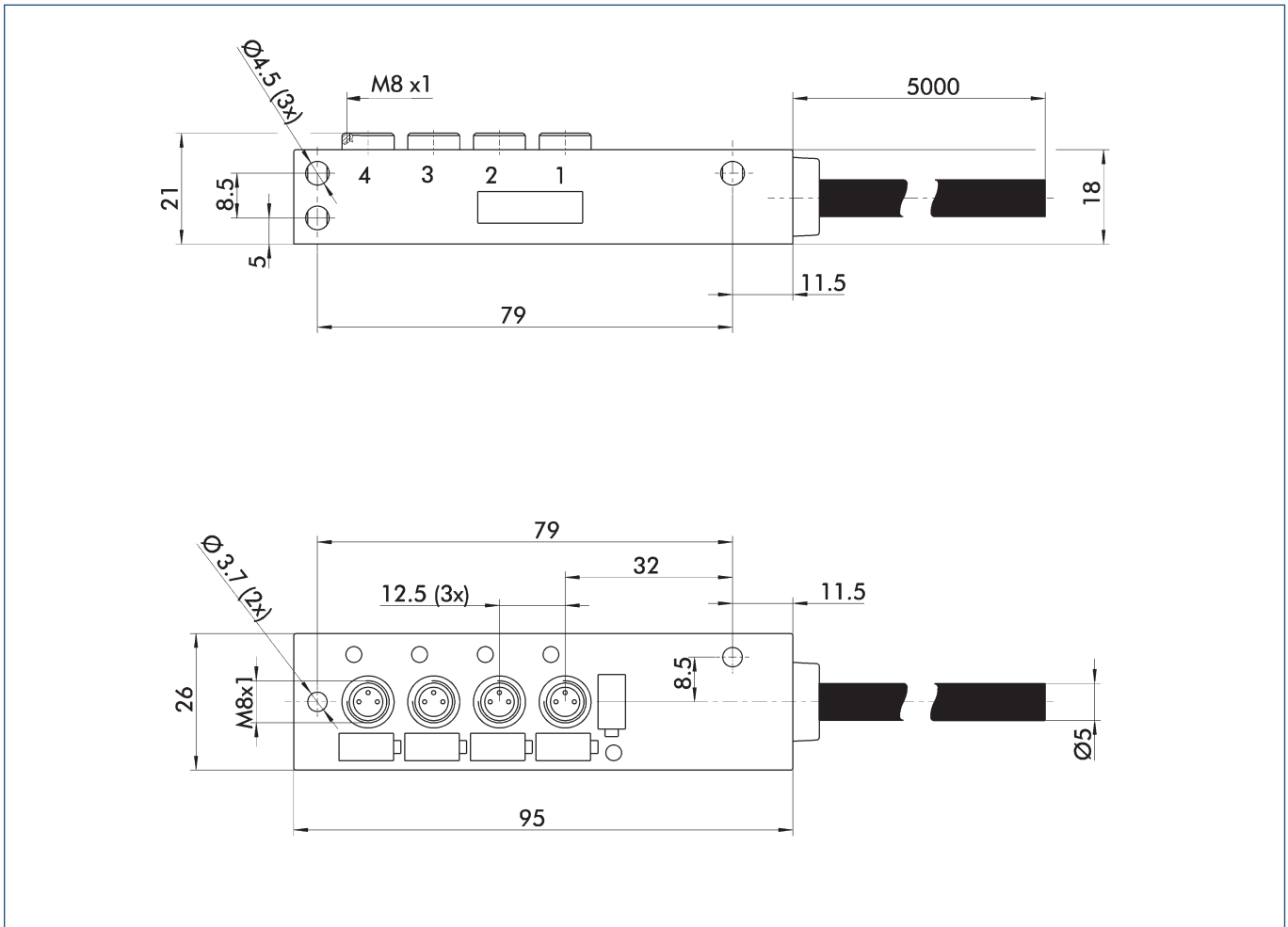




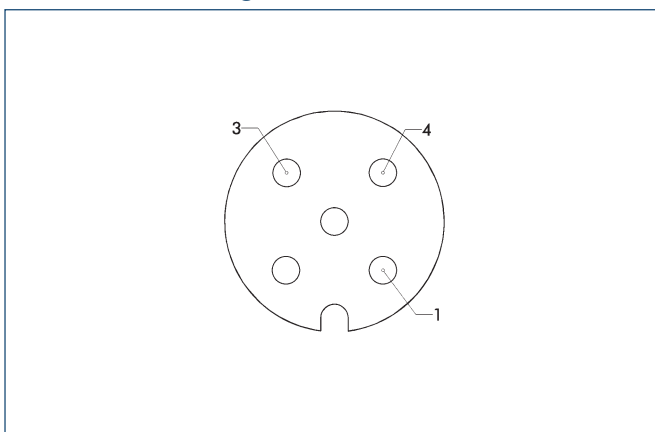
Technical data

Description		V 4-M8	V 4-M12
	ID	0301904	0301902
Socket		M8*1	M12*1
Cable length	[m]	3.0	3.0
Nominal voltage	[V]	24.0	24.0
Min. voltage	[V]	10.0	10.0
Max. voltage	[V]	30.0	30.0
Max. current per wire	[A]	2.0	2.0
Max. overall current		2.0	2.0

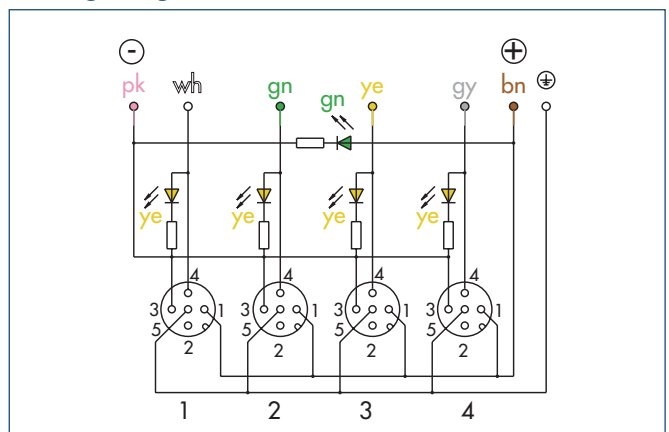
Main views of the V 4-M12

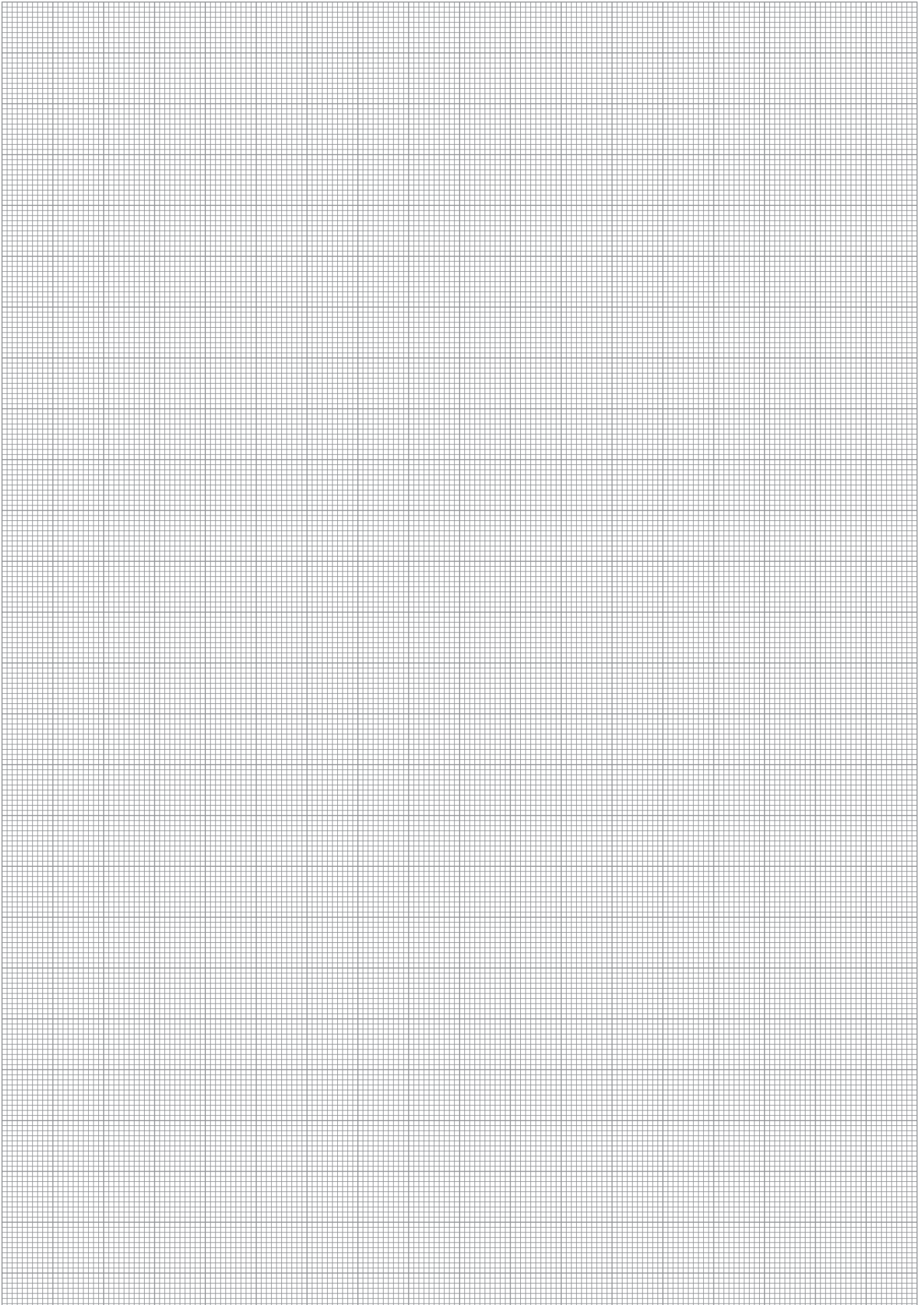


M12 contact assignment



Wiring diagram



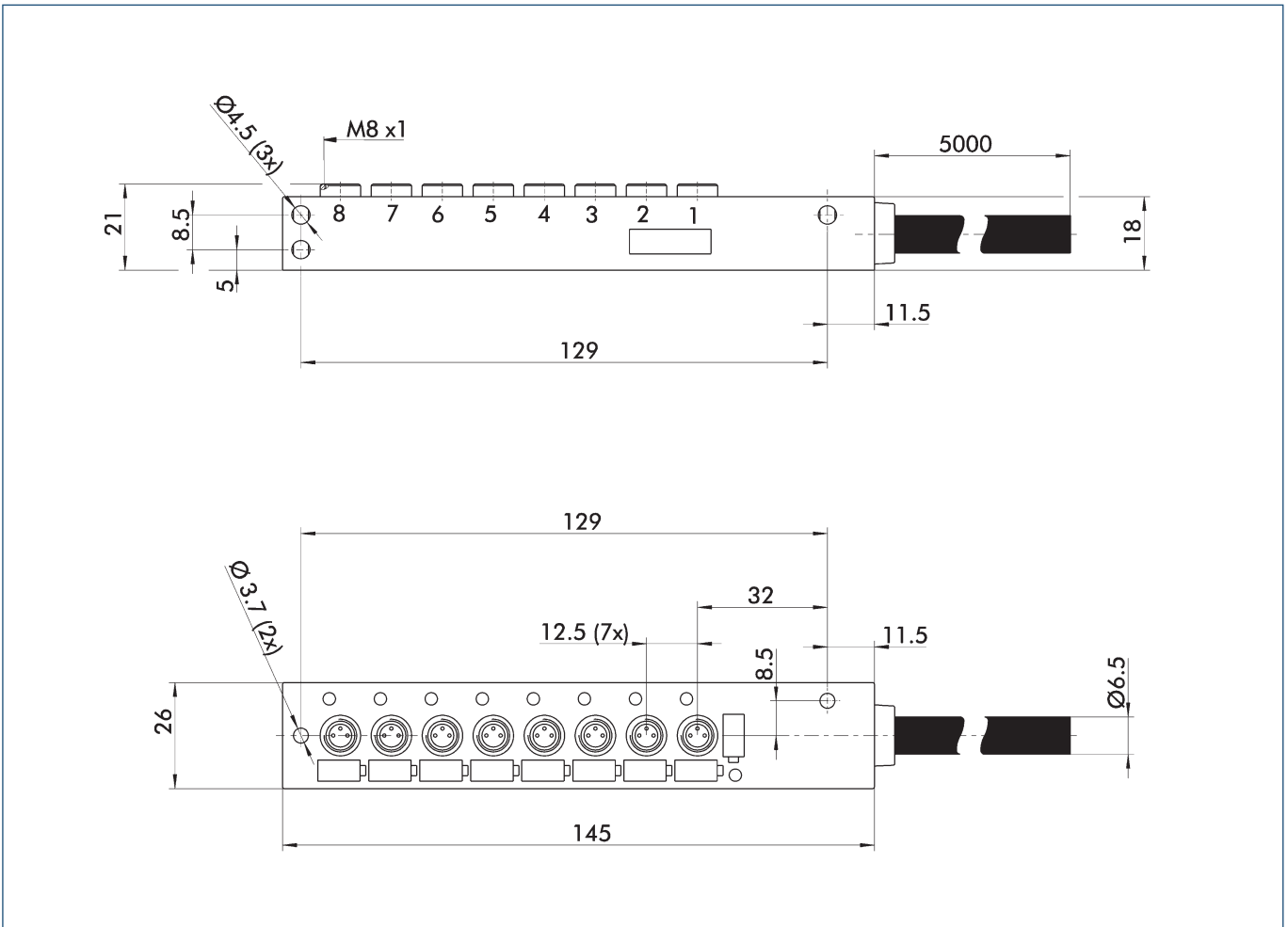




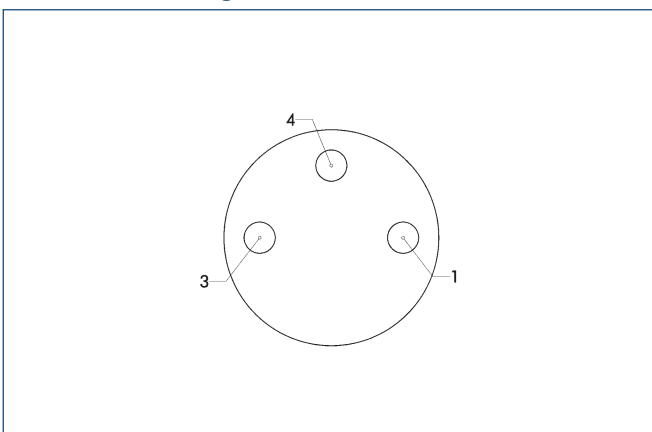
Technical data

Description		V 8-M8	V 8-M12
	ID	0301906	0301590
Socket		M8*1	M12*1
Cable length	[m]	3.0	3.0
Nominal voltage	[V]	24.0	24.0
Min. voltage	[V]	10.0	10.0
Max. voltage	[V]	30.0	30.0
Max. current per wire	[A]	2.0	2.0
Max. overall current		2.0	2.0

Main views of the V 8-M8



M8 contact assignment



Wiring diagram

