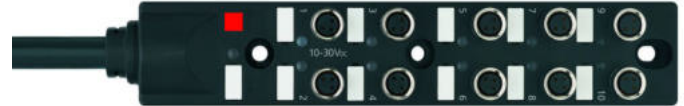


VK001109

Accessories

Distributor M8, 8-fold



- / Flat version
- / 10m collector cable 12-wire
- / 3- pole configuration of the M8 sockets for inputs
- / Simple and vibration-proof connection of sensor lines

Compact dimensions
Minimized wiring effort



TECHNICAL DATA

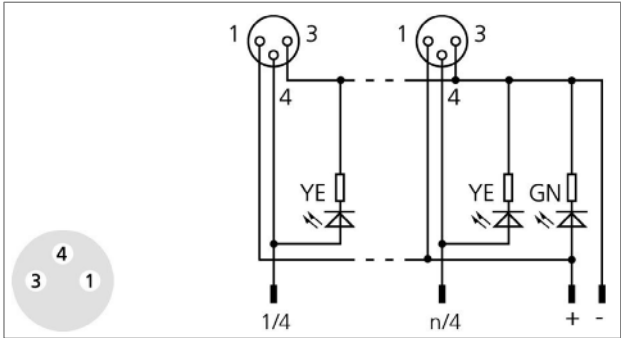
Number of I/O slots	10
Rated voltage	30V DC
Strombelastbarkeit pro PIN (bei 40°C)	2A
Ampacity (total)	6A
Insulation resistance	$\geq 10^8 \Omega$
Contact resistance	$\leq 5 m\Omega$
Display (input signal)	1 x LED yellow for each slot
Material (housing)	Plastic PA black
Material (contact carrier)	Plastic PA black
Material (contacts)	CuZn, gold plated
Material (sealing)	FPM / FKM
Dimensions	23 x 164 x 31mm
Temperature (operation)	-30 ... +90°C
Plug-in cycles	> 100
Pollution level	3
Protection class (EN 60529)	IP 67
Connection (sensors)	10 x M8-coupling, 3-pin
Connection accessories (sensors)	e.g. VK200F74
Connection (module)	Firmly connected cable
Line structure	10 x 0.25mm ² , 2 x 0.75mm ²
Outer diameter (sheath)	7.6mm
Material (cable sheath)	PUR
Material (Aderisolierung)	PP
Bending radius (moving)	$\geq 10 \times \text{diameter}$
Temperature area (fixed / moving)	-40 ... +90°C / -25 ... +90°C
Drag chain application	$\geq 5.000.000$ cycles
Torsion	+/-180°/m, $\geq 0,5$ million cycles
Special features	flame retardant, LABS-free, RoHs compliant, halogen-free, drag chain compatible

Notes:

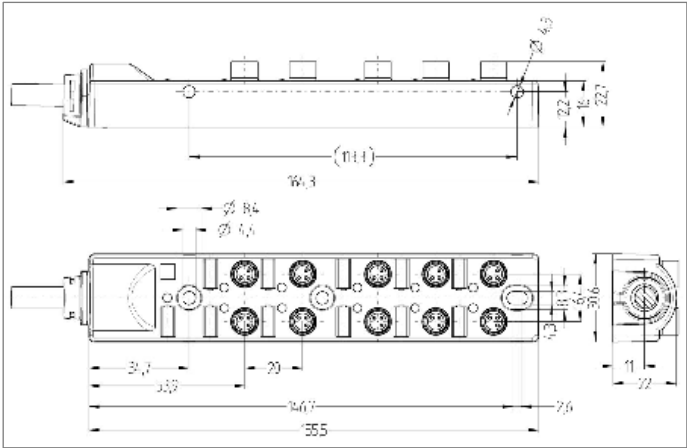
The IP67 degree of protection specified in the technical data is only achieved in the screwed state with the associated mating parts or protective caps.

An accessory package with 2 M8 protective caps and 10 license plates is available under part number **AV000134**.

Connection



Dimensional drawing



Assignment table

I/O-location	1	2	3	4	5	6	7	8	9	10	all (+)	all (-)
PIN of the slot	4	4	4	4	4	4	4	4	4	4	1	3
Connection wire color	white (WH)	green (GN)	yellow (YE)	grey (GY)	pink (PK)	red (RD)	black (BK)	violet (VT)	white / pink (WH/PK)	brown / pink (BN/PK)	brown (BN)	blue (BU)

SAFETY INSTRUCTIONS:

Before commissioning, please make sure that all safety instructions listed in the product documentation, if applicable, have been observed!

In case of direct impact on personal safety, the use of these products is prohibited.