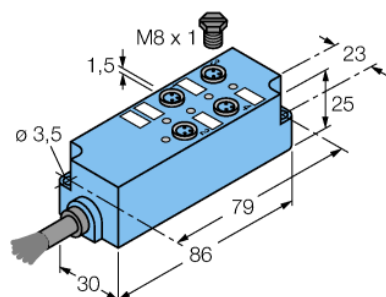
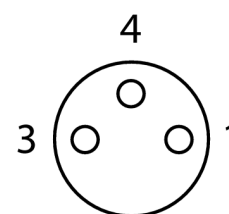


# Actuator/Sensor Box, M8 × 1/Ø 8 mm 4-port Junction Box, M8 × 1, with Homerun Cable 4MBM8-3P2-5/S1118



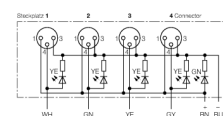
- robust, fully encapsulated actuator/sensor box
- degree of protection IP67
- double-row design for optimum handling
- also available with different cable lengths and of different materials
- PNP circuitry
- PVC cable
- for simple and less demanding applications

## Wiring Diagram



## Cable quality S1118

Pure PVC cable, resistant to average mechanical strain, for use in packaging machinery as well as assembly and production lines. Good resistance against acids and alkalis and thus suited for use in the food and beverage industry.



<b>Type designation</b>	4MBM8-3P2-5/S1118
Ident no.	8018132
<b>Y-Splitter</b>	4-port, with integral homerun cable
Housing	Plastic, PA 6 GF, blue
Switching function	pnp
<b>I/O port</b>	M8 x 1
Operating voltage	LED green
Display switch state	LED yellow
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
<b>Connector B</b>	Female
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, PA 6 GF, Blue
Seal	plastic, FPM/FKM
<b>Cable</b>	S1118, LifYY
Cable diameter	8mm
Cable length	5 m
Cable jacket	PVC, BK
Conductor insulation	PVC
Conductor colors	WH, GN, YE, GY, PK, RD, BK, VT BU, BN
Core cross-section	8x0.25mm <sup>2</sup>
Arrangement of strands	32x0.1mm
Core cross-section	2x0.5mm <sup>2</sup>
Litz wire arrangement	64x0.1mm
<b>Ampacity</b>	2 A per signal contact, total current 6 A
Insulation resistance	≥ 10 <sup>9</sup> Ω
Forward resistance	≤ 5 mΩ
<b>Bending radius (flexible use)</b>	> 10 x Ø