

# M 23 RJ 45 CONNECTORS

The connector series M 23 RJ 45 stands for safe data transfers with smallest space requirement in rough industrial environments. Here industrial patch cable can be used that the M 23 RJ 45 integrates in the body of an adaptor. The system achieves an excellent strain relief and complies with the protection class IP 67.

- // Industry suited system for safe data transfer
- // Integration of industrial patch cable
- // Screw lock
- // Suitable as maintenance interface



Mechanical Data	Materials and Technical Data
Housing	Brass Alloy, Die Cast
Housing Surface	Nickel Plated
Inserts (for contacts)	PBT UL-94 V0, PA 6
Contacts	Brass Alloy
Contact Surface at point of contact	Depends on RJ 45 type used
Seals / O-Rings	NBR Viton® (FKM / FPM)
Temperature Range	Depends on RJ 45 type used
Degree of Protection	IP 67 per EN 60529 (mated)
Cable diameter range	3 – 7 / 7 – 12 / 11 – 17mm
Number of Positions	4 / 6 / 8 poles, optional 4 + 2 / 6 + 2 / 8 + 2
Nominal Current <sup>1)</sup> [A]	Depends on RJ 45 type used
Nominal Voltage <sup>2)</sup> [V~]	Depends on RJ 45 type used
Test Voltage [V~]	Depends on RJ 45 type used
Insulation Resistance [Ω]	Depends on RJ 45 type used
Max. Crossover Resistance [mΩ]	Depends on RJ 45 type used
Max. Data Rate	Depends on RJ 45 type used, IAW Cat 5/5e/6a

<sup>1), 2)</sup> see Technical Information page 18



## Housings

### Straight Connector Female Thread

Cable-Ø	Part Number
3 – 7 mm (.12- .28")	7.R10.400.000

Connector with insert for patch cable

Suitable patch cable and plugs can be recommended.

▶ 83 | ▶ 81

### Straight Connector Male Thread

Cable-Ø	Part Number
3 – 7 mm (.12- .28")	7.R20.408.000

Incl. 8 poles coupler, fully occupied

▶ 84 | ▶ 81

### Panel Connector Front Mount, dip solder insert

Type	Part Number
4 holes 2.7 mm, Flange Incl. 8 poles dip solder insert	7.R40.008.000
4 holes 2.7 mm, Flange Incl. 8 + 2 poles dip solder insert	7.R40.082.000

▶ 81

### Panel Connector, Front Mount

Type	Part Number
with vibration protection 4 holes 2.7 mm, Flange Incl. 8 poles coupler, fully occupied	7.R41.008.000

▶ 81