



stay connected

Field-Wireable Connectors Data

Shielded RJ45 M12 D-coded Bulkhead

Features

- Axial or 90-degree models
- Mounting nuts included
- Plastic housing



7700-44851 series

Shielded RJ45 M12 D-coded Bulkhead

Part Number	Price	Number of Wires	Connector Type	Connection	Cable Length m [ft]	Housing Material	Drawing Link
7700-44851-S4U0050	\$29.00	4	M12 axial female with female threads D-coded 4-pin RJ45 axial male 4-pin	Cat5e	0.5 [1.6]	Thermoplastic Elastomer (TPE) / High Density Polyethylene (HDPE)	PDF
7700-44851-S4U0060	\$31.00				0.6 [1.9]		PDF
7700-44851-S4U0100	\$31.00		M12 axial female D-coded 4-pin RJ45 axial male 4-pin		1.0 [3.2]		PDF

Specifications

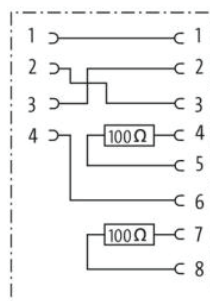
Model	44851
Type	(M12) 4-Wire, 5-Pole; (RJ45) 4-Wire, 8-Pin
Max Voltage	60VDC
Max Voltage - UL Rating	30VDC
Max Current Per Contact	1.5 A
Protection Degree	M12 IP67, Nema 3, 4, 6P (UL50E), RJ45 IP20
Nut Material	Nickel-plated die-cast zinc
Cable Jacket/Wire Insulation Material	Thermoplastic Elastomer (TPE) / High Density Polyethylene (HDPE)
Contacts Material	Copper Alloy
Tightening Torque	≤ 0.6 N·m [≤ 0.44 ft·lb]
Conductors Cross Section	24/7 AWG
Ø Outer Cable	6.6 mm [0.26 in]
Min Bend Radius	Stationary use: 5 x cable diameter Flexible use: 10 x cable diameter
Cable Temperature Range	-40 to 80°C [-40 to 176°F]
Channel Transmission Length	max 70m
Data Transmission Standard	CAT5e ISO/IEC 11801 (Class D - 100 MBit/s)
Approvals*	cULus

*To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

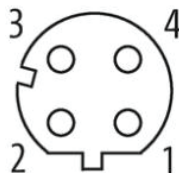
Pin Assignments

M12

RJ45



Female



Female

