M12 T-Coded Male Right-Angle Molded Cable, Single-Ended

M12 × 1.0 T-coded 4-pin male right-angle connector, overmolded onto PUR or PVC cable for DC power. 1, 2, 5 or 10 m.

ORDERING CODE
M12T-4P-M-RA-[jacket]-[U/S]-[length]M

CONNECTOR
M12 × 1.0, T-coded, male, right-angle

PINS AND CODING
4-pin T-coded · DC power

CABLE
PUR or PVC jacket · unshielded or shielded

LENGTHS
1 m, 2 m, 5 m, 10 m

CABLE TEMPERATURE
–40 to +105 °C

CONSTRUCTION

Standard	IEC 61076-2-101
Connector	M12 × 1.0, T-coded, male, right-angle
Termination	Soldered and overmolded
Contacts	Brass, gold plated
Coupling	Screw lock, brass, nickel plated
Overmold	TPU body and overmold
Shield (S)	Brass shell, nickel plated
Jacket	PUR or PVC, black, –40 to +105 °C
Wire gauge	Conductor size set by current; confirm at quote
Free end	Open conductors

RATINGS

4-pin T-coded	12 A · voltage per quote

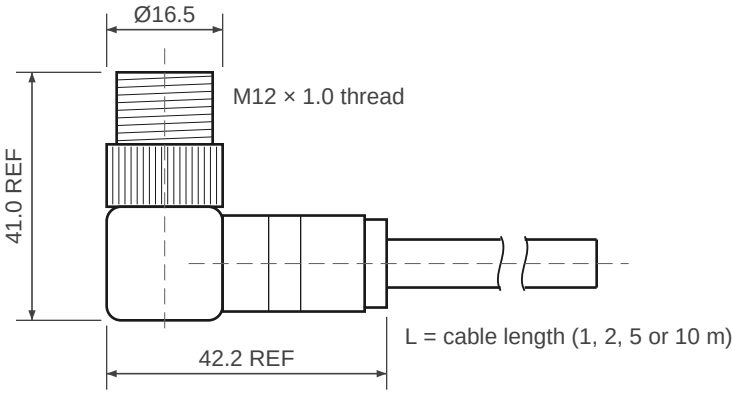
GENERAL

Current rating at	40 °C
Cable temp.	–40 to +105 °C
Insulation resist.	≥ 100 MΩ
Contact resist.	≤ 5 mΩ
Mating cycles	> 100
Compliance	RoHS / REACH

BUILT TO ORDER
Standard configurations ship in about 5 to 6 weeks. Request a quote on formrep.com or call 816-782-7800.

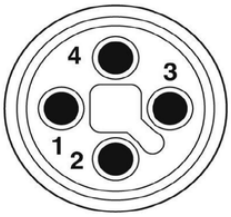
NEED SOMETHING DIFFERENT?
Other lengths, cable types and mixed-connector versions are available. Ask for a made-to-fit quote.

Dimensions, pin layouts and ordering



PIN LAYOUTS, MALE FACE VIEW (MATING SIDE)

4-pin T-coded



Male face view (mating side)

ORDERING CODE

M12T	-	4P	-	M-RA	-	PUR	-	U	-	2M
M12 T-coded		4 pins		this cable family		jacket: PUR or PVC		U = unshielded, S = shielded		length: 1M, 2M, 5M, 10M

Example: M12T-4P-M-RA-PUR-U-2M = 4-pin T-coded M12 male right-angle, PUR jacket, unshielded, 2 m.

STANDARD CONFIGURATIONS (16)

M12T-4P-M-RA-PUR-U-1M	M12T-4P-M-RA-PUR-U-10M	M12T-4P-M-RA-PUR-S-5M	M12T-4P-M-RA-PVC-U-2M	M12T-4P-M-RA-PVC-S-1M	M12T-4P-M-RA-PVC-S-10M
M12T-4P-M-RA-PUR-U-2M	M12T-4P-M-RA-PUR-S-1M	M12T-4P-M-RA-PUR-S-10M	M12T-4P-M-RA-PVC-U-5M	M12T-4P-M-RA-PVC-S-2M	
M12T-4P-M-RA-PUR-U-5M	M12T-4P-M-RA-PUR-S-2M	M12T-4P-M-RA-PVC-U-1M	M12T-4P-M-RA-PVC-U-10M	M12T-4P-M-RA-PVC-S-5M	