

FAQ: AMCI M12 Cordset Part Numbers, Wiring, and Cross Reference

AMCI offers cordsets for use with our SMD17E2, SMD23E2, SMD24E2, SMD34E2, NR60, NR25, and DC60 products.

The cross reference part numbers are provided for installations requiring cordsets with different cable lengths.

AMCI Part Number	Function	Wiring	M12 Connector Description	Cross Reference
CNPL-2M (2 meters) CNPL-5M (5 meters)	SMD17E2 Power SMD23E2 Power SMD24E2 Power	1=Brown=DC Main Power 2=White = Input 1 3=Blue=Common 4=Black = Input 2 5=Gray =Auxiliary Power	Female 5-pin A-Coded	Turck RK 4.5T-x/S622 (x=length in meters)
CNGL-5M (5 meters)	SMD34E2 Power	1=black= DC Main Power 2=black= DC Auxiliary Power 3=black=Common 4=yellow/green=DC Common	Female 4- Pin S-Coded	Phoenix Contact 1408845
CNVL-2M (2 meters)	NR60 Power	1=Brown=+24Vdc 3=Blue=Common 2,4 = No Connection	Female 4-pin A-Coded	Turck RK 4.4T-x (x=length in meters)
CNVL-2M (2 meters)	NR25 Power	2=White=+24Vdc 4=Black=Common 1,3 = No Connection	Female 4-pin A-Coded	Turck RK 4.4T-x (x=length in meters)
CNER-5M (5 meters)	SMD17E2, SMD23E2 SMD24E2, SMD34E2 NR25, and NR60 Network	M12 1=White/Orange (+Tx) 2=White/Green (+Rx) 3=Orange (-Tx) 4=Green (-Rx) RJ45 1=White/Orange (+Tx) 2= Orange (-Tx) 3=White/Green (+Rx) 6=Green (-Rx) 4, 5, 7, 8 = No Connection	Male 4-pin D-Coded	Turck RSSD RJ45S 441-xM (x=length in meters)
CNFL-5M (5 meters)	DC60	1=White=+DC 2=Brown=DC Return 3=Green=Preset Input 4=Yellow=No Function 5=Gray=Analog Output 6=Pink=No Function 7=Blue=Direction Input 8=Red=DC Return	Female 8-pin A-Coded	Turck E-RKS-8T-930-x (x=length in meters)
SMD17E2, SMD23E2, SMD24E2, SMD34E2, & NR60 Daisy Chaining		1=White/Orange (+Tx) 2=White/Green (+Rx) 3=Orange (-Tx) 4=Green (-Rx)	Two Male 4-pin D-Coded	Turck RSSD RSSD 441-xM (x=length in meters)

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