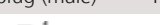


CANopen/DeviceNet

[illegible]

Cable	Material	UL	Color	Feature
S2800	PE/PP/PUR	✓	BK	CANopen/DeviceNet

Termination plug (female)	Termination plug (male)	T-splitter shielded
		



CANopen/DeviceNet

Technical data	Connector + Termination plug	Receptacles	T-splitters	Field-wireable
Insulation resistance	$\geq 10^8 \Omega$	$\geq 10^8 \Omega$	$\geq 108 \Omega$	$\geq 10^8 \Omega$
Ambient temperature product	-30°C...+90°C	-30°C...+90°C	-30°C...+90°C	-40°C...+85°C
Contact material	Metal, CuZn, gold-plated	Metal, gold-plated	Metal, gold-plated	Metal, CuZn, CuSnZn
Contact-carrier material	Plastic, TPU, BK	Plastic, TPU, BK	Plastic, TPU	Plastic, PA, BK
Grip body material	Plastic, TPU, BK		Plastic, TPU	Plastic, PA, BK
Coupling nut material	Metal, CuZn, nickel-plated		Metal, CuZn, nickel-plated	Metal, nickel-plated
Sealing (female) material	FPM/FKM	FPM/FKM	FPM/FKM	
Material of external sealing		NBR		
Receptacle housing material		Metal, CuZn, nickel-plated		
Standards	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68	IP65, IP67, IP68	IP65, IP67, IP68	IP67
Mechanical life-cycle	>100 mating cycles	>100 mating cycles	>100 mating cycles	>100 mating cycles
Degree of pollution	3	3	3	3
Cable outlet				4...6mm
Connecting cross-section				max. 0,75 mm ²

The ODVA user organization asks for 5-pins M12 connectors and receptacles with shielded cables in PUR halogen-free, twisted-pair for signals and supply voltage with stranded drain wire. Of course, our UL-admitted 'thin-cable' components meet these requirements. Furthermore, we offer M12 terminating resistors (male and female) with 120Ω.

		Body				Cable				L = cable length*		
		Pins	U[max]	I[max]	Special	Material	Color	UL	Item description	2m / 1m	5m / 2m	10m / 5m
	Single-ended cordset female, straight, M12	5, A	60V	4A		PUR	BK	•	CD-WAK5.022-L/S2800	8047517	8047518	8047519
	Single-ended cordset female, angled, M12	5, A	60V	4A		PUR	BK	•	CD-WWAK5.022-L/S2800	8047520	8047521	8047522
	Field-wireable connector female, straight, M12 Screw-/clamp contact	5, A	125V	4A					WAKC5K	8004815		
	Field-wireable connector female, angled, M12 Screw-/clamp contact	5, A	125V	4A					WWAKC5K	8004809		
	Receptacle female, straight, M12 Wire contact Front wall-mounting	5, A	60V	4A				•	CD-FVM12KUA5.022-0,5/M16	8085770		
	Receptacle female, straight, M12 Wire contact Back wall-mounting	5, A	60V	4A				•	CD-FHM12KUA5.022-0,5/M16	8085771		
	Single-ended cordset male, straight, M12	5, A	60V	4A		PUR	BK	•	CD-WAS5.022-L/S2800	8047523	8047524	8047525
	Single-ended cordset male, angled, M12	5, A	60V	4A		PUR	BK	•	CD-WWAS5.022-L/S2800	8047526	8047527	8047528
	Field-wireable connector male, straight, M12 Screw-/clamp contact	5, A	125V	4A					WASC5K	8004805		
	Field-wireable connector male, angled, M12 Screw-/clamp contact	5, A	125V	4A					WWASC5K	8004807		
	Receptacle male, straight, M12 Wire contact Front wall-mounting	5, A	60V	4A				•	CD-FVM12SUA5.022-0,5/M16	8085772		
	Receptacle male, straight, M12 Wire contact Back wall-mounting	5, A	60V	4A				•	CD-FHM12SUA5.022-0,5/M16	8085773		

* Standard cable-lengths for single-ended cordset: 2m, 5m, or 10m. For double-ended cordset: 1m, 2m, or 5m. Wire length for receptacles: 0.5m (0.2m for POWER). Other cable- and wire lengths are available upon request.

		Body				Cable		UL	Item description	L = cable length*		
		Pins	U[max]	I[max]	Special	Material	Color			2m / 1m	5m / 2m	10m / 5m
	Double-ended cordset female, straight, M12 male, straight, M12	5, AA	60V	4A		PUR	BK	•	CD-WAK5.022-L-CD-WAS5.022/S2800	8047491	8047492	8047494
	Double-ended cordset female, straight, M12 male, angled, M12	5, A	60V	4A		PUR	BK	•	CD-WAK5.022-L-CD-WWA5.022/S2800	8051938	8047532	8047533
	Double-ended cordset female, angled, M12 male, straight, M12	5, A	60V	4A		PUR	BK	•	CD-WWAK5.022-L-CD-WAS5.022/S2800	8051937	8047529	8047530
	Double-ended cordset female, angled, M12 male, angled, M12	5, A	60V	4A		PUR	BK	•	CD-WWAK5.022-L-CD-WWA5.022/S2800	8051939	8047535	8047536
	Termination plugs female, straight, M12	5, A	60V	4A				•	CD-WAK2.010-AK/S3234	8047942		
	Termination plugs male, straight, M12	5, A	60V	4A				•	CD-WAS2.010-AS/S3234	8047943		
	T-splitter	5	60V	4A					FKM5-FKM5-FSM5/S222	8035172		

* Standard cable-lengths for single-ended cordset: 2m, 5m, or 10m. For double-ended cordset: 1m, 2m, or 5m. Wire length for receptacles: 0.5m (0.2m for POWER). Other cable- and wire lengths are available upon request.