

# CS Series Cables & Connectors




## THE RIGHT CONNECTION FOR YOUR PHOTOELECTRIC SENSORS FOR INDUSTRIAL ENVIRONMENT

- M8 and M12, axial or radial female connectors
- Standard length cables: 2, 3, 5, 7, 10, 15, 25 or 50m
- 3, 4, 5, 8 or 12 poles
- Shielded or unshielded models
- P.U.R. coated models for use in harsh environments
- P.V.C. coated models for standard use
- Standard M12 4 pole non-cabled connectors
- The cable jacket maybe marked 300V only as insulation voltage between wires, the operational voltage is 24Vdc or 10-30Vdc, less than 80 V required by CCC-China

CS	
<b>Connectors</b>	M8 axial or radial(90°) 3 poles M12 axial or radial(90°) 3 poles M8 axial or radial(90°) 4 poles M12 axial or radial(90°) 4 poles M12 axial 5 poles M12 axial 8 poles
<b>Cable lengths</b>	3, 5, 7, 10, 15, 25 m
<b>Conductor diameter</b>	42 x 0.10 mm - 0.35 mm≈ (m12 3-pole) 32 x 0.10 mm - 0.25 mm≈ (m12 4-pole) 32 x 0.10 mm - 0.25 mm≈ (m8 4-pole)
<b>Conductor material</b>	annealed non-tinned electrolytic copper
<b>Flammability class</b>	CEI 20-22, IEC 332/3
<b>Housing material</b>	flame-retardant and non-propagate P.U.R., P.V.C.
<b>Mechanical protection</b>	IP67, with locked ring

CONNECTOR & DIRECTION	POLES	STYLE	CABLE LENGTH	MODEL	ORDER No.	
M12 Connector (Axial)	3-pole	Grey, P.V.C.	3 m	CS-A1-01-G-03	95A251290	
			5 m	CS-A1-01-G-05	95A251300	
			7 m	CS-A1-01-G-07	95A251320	
			10 m	CS-A1-01-G-10	95A251340	
	4-pole	Grey, P.V.C.	3 m	CS-A1-02-G-03	95A251380	
			5 m	CS-A1-02-G-05	95A251270	
			7 m	CS-A1-02-G-07	95A251280	
			10 m	CS-A1-02-G-10	95A251390	
			P.U.R.	2 m	CS-A1-02-R-02	95A251540
				5 m	CS-A1-02-R-05	95A251560
	5-pole	Grey, P.V.C.	3 m	CS-A1-03-G-03	95ACC2110	
			5 m	CS-A1-03-G-05	95ACC2120	
			10 m	CS-A1-03-G-10	95ACC2140	
	8-pole	Black, P.V.C.	3 m	CS-A1-06-B-03	95ACC2230	
5 m			CS-A1-06-B-05	95ACC2240		
10 m			CS-A1-06-B-10	95ACC2250		
M12 Connector (Radial 90°)	3-pole	Grey, P.V.C.	3 m	CS-A2-01-G-03	95A251200	
			5 m	CS-A2-01-G-05	95A251210	
			7 m	CS-A2-01-G-07	95A251220	
			10 m	CS-A2-01-G-10	95A251230	
	4-pole	OIL resistant (CEI 2034-01)	3 m	CS-A2-01-O-03	95A251660	
			5 m	CS-A2-01-O-05	95A251670	
			10 m	CS-A2-01-O-10	95A251680	
			Grey, P.V.C.	3 m	CS-A2-02-G-03	95A251360
				5 m	CS-A2-02-G-05	95A251240
				7 m	CS-A2-02-G-07	95A251245
		P.U.R.	10 m	CS-A2-02-G-10	95A251260	
			2 m	CS-A2-02-R-02	95A251550	
			5 m	CS-A2-02-R-05	95A251570	
			OIL resistant (CEI 2034-01)	5 m	CS-A2-02-O-05	95A251690
10 m	CS-A2-02-O-10	95A251700				

M12 Connector with LED (for PNP N.O. sensors) (Radial 90°)	3-pole	Grey, P.V.C.	5 m	CS-A2-11-G-05	95A251310
			10 m	CS-A2-11-G-10	95A251330
	4-pole	Grey, P.V.C.	3 m	CS-A2-12-G-03	95A251400
			5 m	CS-A2-12-G-05	95A251350
M8 Connector (Axial)	3-pole	Grey, P.V.C.	10 m	CS-A2-12-G-10	95A251370
			3 m	CS-B1-01-G-03	95A251490
		P.U.R.	5 m	CS-B1-01-G-05	95A251510
			2 m	CS-B1-01-R-02	95A251580
	4-pole	Grey, P.V.C.	5 m	CS-B1-01-R-05	95A251600
			3 m	CS-B1-02-G-03	95A251420
			5 m	CS-B1-02-G-05	95A251430
			7 m	CS-B1-02-G-07	95A251440
		P.U.R.	10 m	CS-B1-02-G-10	95A251480
			2 m	CS-B1-02-R-02	95A251620
			5 m	CS-B1-02-R-05	95A251640
			5 m	CS-B1-02-O-05	95A251730
M8 Connector (Radial 90°)	3-pole	Grey, P.V.C.	10 m	CS-B1-02-O-10	95A251100
			3 m	CS-B2-01-G-03	95A251500
		P.U.R.	5 m	CS-B2-01-G-05	95A251520
			2 m	CS-B2-01-R-02	95A251590
	4 pole	Grey, PVC	5 m	CS-B2-01-R-05	95A251610
			3 m	CS-B2-02-G-03	95A251450
			5 m	CS-B2-02-G-05	95A251460
		P.U.R.	7 m	CS-B2-02-G-07	95A251470
			10 m	CS-B2-02-G-10	95A251530
			2 m	CS-B2-02-R-02	95A251630
Shielded M12 Connector (Axial)	3-pole	Grey, P.V.C.	5 m	CS-B2-02-R-05	95A251650
			5 m	CS-B2-02-O-05	95A251720
		P.U.R.	10 m	CS-B2-02-O-10	95A251110
			10 m	CV-A1-21-G-10	95ACC2060
	4-pole	Black, P.V.C.	3 m	CV-A1-22-B-03	95ACC1480
			5 m	CV-A1-22-B-05	95ACC1490
			10 m	CV-A1-22-B-10	95ACC1500
		P.U.R.	15 m	CV-A1-22-B-15	95ACC2070
25 m			CV-A1-22-B-25	95ACC2090	
3 m			CV-A1-26-B-03	95ACC1510	
8-pole	Black, P.V.C.	5 m	CV-A1-26-B-05	95ACC1520	
		10 m	CV-A1-26-B-10	95ACC1530	
		15 m	CV-A1-26-B-15	95ACC2080	
	P.U.R.	25 m	CV-A1-26-B-25	95ACC2100	
		3 m	CV-A2-22-B-03	95ACC1540	
		5 m	CV-A2-22-B-05	95ACC1550	
Shielded M12 Connector (Radial 90°)	4-pole	Black, P.V.C.	10 m	CV-A2-22-B-10	95ACC1560
			3 m	CV-A2-26-B-03	95ACC1600
	8-pole	Black, P.V.C.	5 m	CV-A2-26-B-05	95ACC1610
			10 m	CV-A2-26-B-10	95ACC1620
M12 Connector (Axial)	4-pole	U.L., Black, P.V.C.	3 m	CS-A1-02-U-03	95ASE1120
			5 m	CS-A1-02-U-05	95ASE1130
			10 m	CS-A1-02-U-10	95ASE1140
		P.U.R.	15 m	CS-A1-02-U-15	95ASE1150
			25 m	CS-A1-02-U-25	95ASE1160
			3 m	CS-A1-03-U-03	95ASE1170
	5-pole	U.L., Black, P.V.C.	5 m	CS-A1-03-U-05	95ASE1180
			10 m	CS-A1-03-U-10	95ASE1190
			15 m	CS-A1-03-U-15	95ASE1200
			25 m	CS-A1-03-U-25	95ASE1210
		P.U.R.	50 m	CS-A1-03-U-50	95A252700
			3 m	CS-A1-06-U-03	95ASE1220
			5 m	CS-A1-06-U-05	95ASE1230
			10 m	CS-A1-06-U-10	95ASE1240
8-pole	U.L., Black, P.V.C.	15 m	CS-A1-06-U-15	95ASE1250	
		25 m	CS-A1-06-U-25	95ASE1260	
		50 m	CS-A1-06-U-50	95A252710	
	Black	Connector- not cabled	CS-A1-02-B-NC	G5085002	
			CS-A1-06-B-NC	95ACC2550	
	M12 Connector (Axial)	4-pole	Black	Connector- not cabled	CS-A2-02-B-NC
8-pole		15 m		CS-A1-10-U-15	95A252750
4-pole		50 m		CS-A1-10-U-50	95A252770
12-pole		10 m		CS-A1-10-U-10	95A252740
M12 Connector (Radial 90°)	12-pole	SG Extended blank rx	0,2 m	CS-G1-70-B-002	95A252830
M12 Connector (Axial)	12-pole		3 m	CS-A1-10-U-03	95A252720
M12 Connector (Axial)	5-pole	SG extended tx	0,2 m	CS-G1-50-B-002	95A252820
SG Extended Cascade	---	SG extended cascade	0,05 m	CS-F1-80-B-0005	95A252860
M12-SG Extended Muting RX	---	SG extended muting rx	0,2 m	CS-R1-75-B-002	95A252810
M12-Slim Cascade	---	Slim cascade	0,1 m	CS-H1-03-B-001	95A252950
M12 Connector (Axial)	8-pole	Shielded cable	3 m	CV-A1-36-B-03	95A255430
	4-pole		5 m	CS-A1-03-G-03	95A252800
Axial M12 Connector	5-pole, L coded power cable	Black 	3 m	CS-M1-02-B-03	95ACC0007
Axial M12 F/M8 M Connector	4-pole, double headed		3 m	CS-H1-02-B-03	95ACC0008
Axial M12 F/M12 M Connector	4-pole, double headed		3 m	CS-I1-02-B-03	95ACC0009