Preassembled cables | M12 connection technology | With connector, 8 pin



Female connector with coupling nut, A coded, straight

PVC cable, 8 x 0.25 mm² [AWG23]
seawater resistant, recyclable, PWIS free,
acid/alkali/oil/ozon/UV resistant

Single-ended

SSI · BiSS INTERFACE · RoHS · Analog output · Push-Pull HTL · RS422 TTL · Open Collector NPN · SinCos

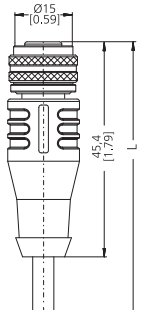
Order details

		Order no.
Cable length	1 m [3.28']	**05.00.6041.8211.001M**
	2 m [6.56']	**05.00.6041.8211.002M**
	...	**...**
	xx m	**05.00.6041.8211.0xxM**
		xx = length in meters:
	standard cable length (further on request)	1, 2, 3, 5, 8, 10, 12, 15, 20, 25, 30

Technical data

Connector	
material housing	metal / plastic
protection	IP67
Wire cross sections	8 x 0.25 mm² [AWG23]
Working temperature range	
flexible installation	0 °C ... +80 °C [-32 °F ... +176 °F]
fixed installation	-25 °C ... +80 °C [-13 °F ... +176 °F]
Bending radius cable min.	
flexible installation	67 mm [2.34"]
fixed installation	33.5 mm [1.32"]
Cable sheath	
cable diameter approx.	6.7 mm ±0.2 mm
material sheath	PVC

Dimensions in mm [inch]



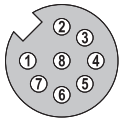
Connections

Terminal assignment

Pin female contacts:	1	2	3	4	5	6	7	8
Core color:	WH	BN	GN	YE	GY	PK	BU	RD

Shield on housing

Plug-in face, A coded



Suitable for our series

Encoders incremental	Encoders singleturn	Encoders multiturn	Draw-wire encoders	Linear measuring systems
3610 / 3620	M3653A(R) / M3673A	M3663(R) / M3683	A41	Limes KIT TB1
5000 / 5020	M5853	F3663 / F3683	A50	Length measuring
KIS50 / KIH50	5853 / 5873	M5863	B75	systems with rack
5834 Motor-Line		5863 / 5883	B80	and measuring wheel
5814FS2 / 5834FS2			C105	
5814FS3 / 5834FS3			C120	
5805 / 5825			D135	
5006 / 5026				
5821				
A020 / A02H				
H120				

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