

# Cables and connectors

**Connectors**

**M12 connection technology**

**8 pin**

**Female connector with coupling nut, A coded, straight**



Analog output

Push-Pull

HTL

RS422

TTL

Open Collector

NPN

SinCos

**Order details**

Order no.

**05.CMB 8181-0**

**Technical data**

**Connector housing**

material metal  
protection IP67

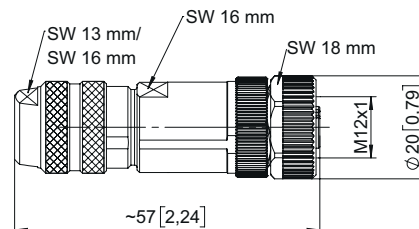
**Cable connection**

connection technology screw  
for cable cross sections  $\varnothing 6 \dots 8 \text{ mm}$

**Working temperature range**

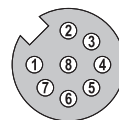
$-30 \text{ }^\circ\text{C} \dots +80 \text{ }^\circ\text{C}$  [ $-22 \text{ }^\circ\text{F} \dots +176 \text{ }^\circ\text{F}$ ]

Dimensions in mm [inch]



**Connections**

Plug-in face, A coded



**Suitable for our series**

Encoders incremental	Encoders singleturn	Encoders multiturn	Draw-wire encoders	Linear measuring systems	Slip rings
3610 / 3620	M3653A(R) / M3673A	M3663(R) / M3683	A41	Limes KIT TB1	SR120
5000 / 5020	5853 / 5873	F3663 / F3683	A50	Length measuring systems with rack and measuring wheel	SR160
5006 / 5026	M5853A	5863 / 5883	B75		
KIS50 / KIH50		M5863	B80		
5805 / 5825			C105		
5834 Motor-Line			C120		
5814FS2 / 5834FS2			D135		
5814FS3 / 5834FS3					
5821					
A020 / A02H					
H120					