

# ROTAPULS • ROTACOD

Incremental encoders • Absolute encoders

## Encoders with stainless-steel housing

- High resistance to environmental agents
- Incremental version, resolution up to 10000 PPR
- Absolute single and multiturn with SSI and fieldbus interface

	 <p>MI36K • MC36K</p>	 <p>I58SK</p>	 <p>ES58K • EM58K <span style="background-color: #008080; color: white; border-radius: 50%; padding: 2px;">new</span></p>	 <p>AM58K</p>
Description	Size 36, compact and robust housing. Solid/blind hollow shaft. Sealed circuits (option).	Size 58. Clamp flange. High environmental protection.	Size 58. Solid/blind hollow shaft.	Size 58. Clamp flange. Fieldbus interface.
Sensing method	magnetic	optical	optical	optical
Housing diameter	36 mm	58 mm	58 mm	58 mm
Resolution max.	2048 PPR	10000 PPR	13 Bit	13 x 12 Bit
Output circuit	NPN Push-Pull Line Driver	NPN, PNP, Push-Pull, 1Vpp, Line Driver, Universal circuit	NPN, SSI, Bit Parallel Push-Pull	Profibus CANopen
Power supply	+5Vdc±5% +10÷30Vdc	+5Vdc±5% +10÷30Vdc +5÷30Vdc	+7,5÷34Vdc	+10÷30Vdc
Shaft diameter max.	solid shaft Ø6 mm hollow shaft Ø6 mm	solid shaft Ø12 mm	solid shaft Ø12 mm	solid shaft Ø12 mm
Electrical connections	cable	cable M23 connector	cable M12, M23 connector	M12 connector cap
Operating temperature	-25°C +85°C (-13°F +185°F)	-40°C +100°C (-40°F +212°F)	-40°C +100°C (-40°F +212°F)	-25°C +85°C (-13°F +185°F)
Shaft rotational speed	12000 rpm max.	6000 rpm max.	12000 rpm max.	6000 rpm max.
Protection max.	IP65	IP67	IP67	IP67
Application	Food machinery Marine environment	Food machinery Marine environment	Food machinery Marine environment	Food machinery Marine environment