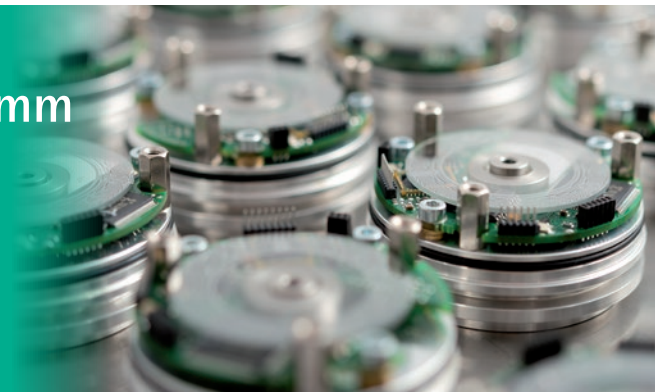


ROTACOD

Absolute encoders

Compact absolute encoders size Ø36 mm

- High resolution optical sensing
- Cost-effective and robust magnetic encoders
- Solid or blind hollow shaft



				
	MS40 • MSC40 MS41 • MSC41	MS36 • MSC36 MM36 • MMC36	AS36 • ASC36	AM36 • AMC36
Description	Size 40 with solid or blind hollow shaft.	Size 36, single and multiturn. Solid/blind hollow shaft.	Size 36, singleturn. High performance and resolution.	Size 36, optical multiturn. High performance.
Sensing method	magnetic	magnetic	optical	optical
Housing diameter	40 mm	36 mm	36 mm	36 mm
Resolution max.	SSI: 12 Bit Bit parallel: 8 Bit Analogue: 10 Bit	13 Bit 13 x 16 Bit	20 Bit	20 x 12 Bit
Output circuit	NPN, PNP, SSI, 0-5V, 0-10V, 4-20 mA	SSI	BiSS-C / SSI	BiSS-C / SSI
Power supply	+5Vdc ±5% +10÷30Vdc	+10÷30Vdc	+10÷30Vdc	+10÷30Vdc
Shaft diameter max.	solid shaft Ø 6 mm hollow shaft Ø 6 mm	solid shaft Ø 6 mm hollow shaft Ø 6 mm	solid shaft Ø 6 mm hollow shaft Ø 6 mm	solid shaft Ø 6 mm hollow shaft Ø 6 mm
Electrical connections	cable M12 connector	cable M12 connector	cable M12 connector	cable M12 connector
Operating temperature	-20°C +85°C (-4°F +185°F)	-20°C +85°C (-4°F +185°F)	-40°C +100°C (-40°F +212°F)	-40°C +100°C (-40°F +212°F)
Shaft rotational speed max.	12000 rpm	12000 rpm	6000 rpm	6000 rpm
Protection max.	IP66	IP67	IP67	IP67
Application			Servomotors Feedback	