



ROTACOD Absolute encoders

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


Series	ASC58 • AS58 • AS58S	HSx58x	AST6	XAC77
Features	standard size	motor feedback	US size	ATEX II 2 G/D EEx d IIC T6
Housing ø (mm)	58	58	65	77
Shaft ø (mm)	6, 8, 9.52, 10, 12, 14, 15	6, 8, 9.52, 10, 12, 14, 15	6, 8, 9.52, 10, 12	14
Connections	 •	•	•	•
	 •	•	•	
Resolution	16 bit max.	16 bit + 2048 sin/cos	16 bit max.	16 x 14 bit max.
Output circuits	NPN, Push-Pull, SSI	SSI + 1 Vpp	NPN, Push-Pull, SSI	NPN, Push-Pull, SSI
Operating temperature	-40°C +100°C max. (-40°F +212°F max.)	-25°C +85°C (-13°F +185°F)	-40°C +100°C max. (-40°F +212°F max.)	-20°C +40°C (-4°F +104°F)
Protection	IP65	IP65	IP66 max.	IP66

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


Series	ASR58	AS58 A • AM58 A	AS58 ISI • AM58 ISI	AS5 • AM5
Features	integrated cam programmer	analogue output	incremental serial interface	
Housing ø (mm)	58	58	58	51
Shaft ø (mm)	6, 8, 9.52, 10, 12	6, 8, 10, 12	6, 8, 9.52, 10, 12	6, 8, 10, 12
Connections	 •			•
	 •	•	•	
Resolution	3600/0,1°	16 bit max.	2048 PPR, 2048 PPR x 4096 rev	12 bit, 12 x 8 bit max.
Output circuits	16 x on/off, 100mA	0-5V, 0-10V, 4-20mA	ISI (Incremental serial interface)	NPN, Push-Pull
Operating temperature	-20°C +70°C (-4°F +158°F)	-20°C +70°C (-4°F +158°F)	-20°C +70°C (-4°F +158°F)	-20°C +70°C (-4°F +158°F)
Protection	IP65	IP65	IP65	IP65

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Series	AMC58 • AM58 • AM58S	HMx58x	AMx58x P	AM9 • AMC9
Features	standard size	for motor feedback	programmable	low profile
Housing \varnothing (mm)	58	58	58	88
Shaft \varnothing (mm)	6, 8, 9.52, 10, 12, 14, 15	6, 8, 9.52, 10, 12, 14, 15	6, 8, 9.52, 10, 12	10, 15
Connections	 •	•	•	•
	 •	•	•	•
Resolution	16 x 14 bit max.	16 x 14 bit + 2048 sin/cos	13 x 12 bit max.	13 x 12 bit max.
Output circuits	NPN, Push-Pull, SSI	SSI + 1 Vpp	NPN, Push-Pull, SSI	SSI
Operating temperature	-40°C +100°C max. (-40°F +212°F max.)	-25°C +85°C (-13°F +185°F)	-20°C +70°C (-4°F +158°F)	-40°C +100°C max. (-40°F +212°F max.)
Protection	IP65	IP65	IP65	IP65

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Series	Ax58x PB • Hx58x PB	HSx58x I7	Ax58x FD • Hx58x FD	Ax58x CB • Hx58x CB
Features				 
Housing \varnothing (mm)	58	58	58	58
Shaft \varnothing (mm)	6, 8, 9.52, 10, 12, 14, 15	6, 8, 9.52, 10, 12, 14, 15	6, 8, 9.52, 10, 12, 14, 15	6, 8, 9.52, 10, 12, 14, 15
Connections	Connection cap with PG or connectors	•	Connection cap with PG or connectors	Cable or connection cap
		•		
Resolution	16 bit, 16 x 14 bit max.	18 bit, 18 x 14 bit max.	16 bit, 16 x 14 bit max.	16 bit, 16 x 14 bit max.
Output circuits	ProfiBus DP	BiSS + 1Vpp	DeviceNet	CANopen • CANlift
Operating temperature	-25°C +85°C (-13°F +185°F)	-25°C +85°C (-13°F +185°F)	-25°C +85°C (-13°F +185°F)	-25°C +85°C (-13°F +185°F)
Protection	IP65	IP65	IP65	IP65