Selection guide for RCML15

Order key

RCML15-2048/3-6mm-5-1

- Reference mark
- Voltage supply
- Shaft diameter
- Commutation
- Signal periods per revolution
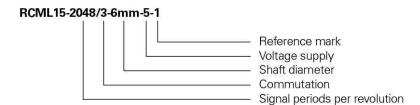

Note: Special versions are identified with an **-S** at the end of the ordering key. These encoders are configured for customer-specific applications. To be used only after consultation with your distributor. *For special versions, the data in the specific documentation apply, not those in the catalog!*

Selection table

Signal periods per revolution	100, 200, 250, 256, 400, 500, 512, 625, 800, 1000, 1024, 1250, 2000, 2048, 2500, 4000, 4096, 5000	
Commutation	0	Without commutation
	2, 3, 4	Number of commutation signal periods per revolution (= number of pairs of poles)
Shaft diameter	Metric	5 mm, 6 mm, 8 mm
	Inch	1/8+, 3/16, 3/16+, 1/4, 1/4+, 5/16, 3/8, 3/8+
Voltage supply	5	+5 V ±5 %
Reference mark	1	*Width:* 90° ±45° elec. *Position:* $U_{a1\ High}$ and $U_{a2\ High}$
	6	*Width:* 90° ±45° elec. *Position:* $U_{a1\ Low}$ and $U_{a2\ Low}$
	7	*Width:* 270° ±45° elec. *Position:* $U_{a1\ High}$ and $U_{a2\ High}$
	8	*Width:* 270° ±45° elec. *Position:* $U_{a1\ Low}$ and $U_{a2\ Low}$