

Encoder 20mm Size Metal Shaft Magnetic Type

EM20B Series



Highly reliable non-contact structure applicable to 31-point LED level indicator mounting.

Detector

Push

Slide

Rotary

Encoders

Power

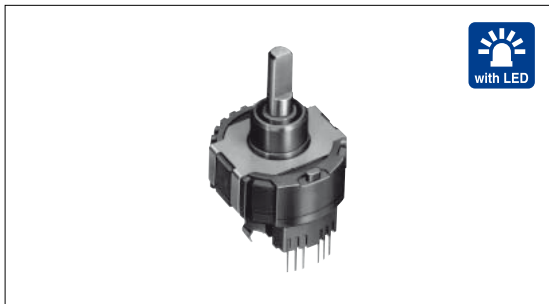
Dual-in-line
Package Type

TACT Switch™

Custom-
Products

Incremental
Type

Absolute
Type



Typical Specifications

Items	Specifications
Rating	5V ± 5% DC
Operating life	500,000rotations

Product Line


Actuator length (mm)	Torque (mN · m)		Number of detent	Number of pulse	Operating direction	Push switch (N)	Display function	Response time	Minimum order unit (pcs.)	Product No.	Drawing No.
	Rotational torque	Detent torque									
15.5	7 max.	—	Without	40	Vertical	Without	Without	1.3 μ sec. (TYP)	480	EM20B4000000	1
	—	8 ± 5	40							EM20B4010000	
16	—	8 ± 5	40			With (Switch operating force 6 ± 3)	With (Color : orange)			EM20B4014000	2
10	—	8 ± 5	40			With (Switch operating force 6 ± 3)				EM20B4014A01	3

Notes

1. This product uses a Hall IC. Be aware of ESD damages.
2. Custom design for shaft configuration and mount height are available upon request.

Dimensions

Unit:mm

No.	Style	PC board mounting hole dimensions (Viewed from mounting side)
1	without switch type 	 6-ø0.6 holes VA, VB MM Power supply GA, GB MM Ground A, B MM Output



Tel.: + 49 89 899797-64
Fax: + 49 89 899797-65
Email: info@dst-gmbh.de
Internet: www.dst-gmbh.de

