Handy Manual Pulse Generator





osoku

Outline

HT series are easy-to-handle and compact Handy MPGs which put a premium on safety with 3-position enabling switches and emergency stop buttons.

Features

- Ergonomically designed and compact to be held with one hand
- 3-position (off-on-off) enabling switch available on either side
- Upper part is free to design and allows various kinds of switches (including emergency stop button) to be set
- RoHS compliant
- On the middle part: either MR8A the rotary switch series or MR8C the digital code switch series selectable
- Strong plate magnets available on back side (as option)
- Various types of curl cords provided along with connectors of all sorts at your request

Specifications

1. Body	
Dimension	170×80×39(mm)
LED light	DC24V Green
Enabling switches	Available on both sides
Logo	Logo available on the wheel cover
	·

2. Mechanical specifications

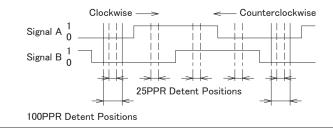
2.1 Rotary Encoder Unit	
Output Voltage	DC5V±10%, DC12V±10% or 12~24V
Wheel	100 clicks / rotation

100 clicks / rotation 100 pulses or 25 pulses per rotation Over 1,000,000 times

Rotational Durability Output Waveform

1) Turning the shaft clockwise would generate the signal A when the signal B outputs a low voltage (0);

 Rotating the shaft counter-clockwise would generate the signal A when the signal B outputs a high voltage(1);



2.2 Selector Switches MR8A (rotary switch) 25V15mA (AC/DC) MR8C (code switch) 15V10mA (AC/DC)

* See MR8A/MR8C catalog for more details

3. Curl/Straight Cords	
Curl Cord	19/25-conductor shielded cable 19-conductor: select from 2m, 3m, 4m, 5m 25-conductor: select from 3m, 5m (We will select either 19 or 25-conductor in accordance with required functions) For further details, please see the catalogues for curl cords
Straight Cord	Also available
L Commente	· · · · · · · · · · · · · · · · · · ·

5. Connector Unit Connector Connector Dripproofed connector to be attached on the end of the cord optionally provided (EBSP2119-D/EBSP2119FGS-D by DDK)

Warranty

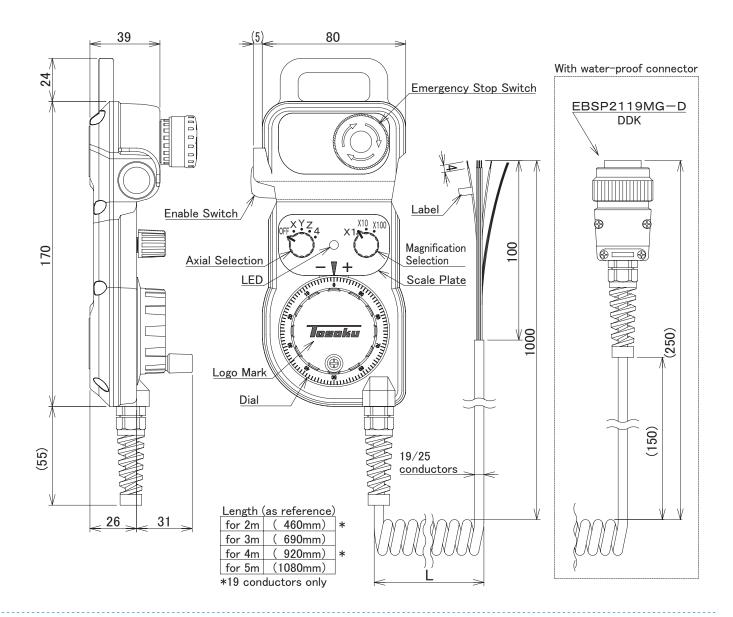
• 1 year from the date of shipment.



Dimensions (mm)

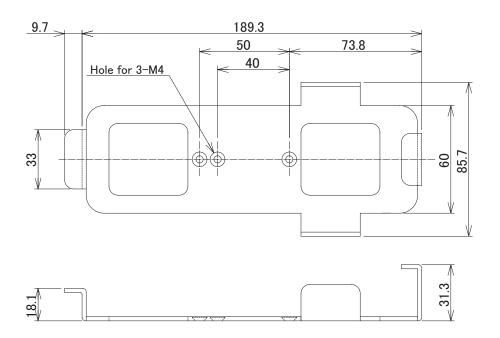
HT Unit with curl cord

* This drawing is an example, it may differ according to number of swithes etc.





Material : SPCC Cathodic Electrodeposition Coating



H T series Order Sheet (Print out this page for sending orders.)

We'll hand in to you a drawing in accordance with your order. The drawing shall be approved before starting in on production.

e.g.

1) Select one from each spec table

and fill blank spaces with " ".

	Pulses/Rev.
	100PPR
F	25PPR

*25PPR and yet 100 Clicks/Revolution

ersuppiv	Output
er Supply 5V	5V(330 Ω Pull Up)
•••	Open Collector
-	(for Line Driver)
_	$5V(2.2k\Omega Pull Up)$
12V	$12V(2.2k\Omega Pull Up)$
12V	Open Collector
12V-	for Photocoupler
24V	(Open Collector)
	5V 5V 12V 12V 12V 12V 12V-

* Transistor will be "OFF" at every clicked positions.

(For other open collector output models, transistors will be "ON" at every clicked positions.

Logo on the dial

None	
with "TOSOKU" logo	
with an original logo(

3-Positions Enabling Switch (contacts)		
	None	
	One on the left()
	On both sides ()

* Assigned contacts should be 2 or less for normally open (NO) and 2 or less for normally closed (NC).

(2A2B maximum.)

E	Emergency Sv	witch (contacts)	
	None		
	Mounted	()

* 1 for (NO), 4 for (NC) maximum (1A/4B). Maximum of 4 contacts in total (1A3B or 4B).

Magnet on the backside

- None
- Mounted

Axis Selector/Multiplication Selector Switches MR8C type(Gray code switch) MR8A type(Selection switch)

Indications for Axis Selector (left) OFF, X, Y, Z, 4, 5

Indicat	ions for Multiplication Selector (right)
e.g.	×1, ×10, ×100

Curl Cord Length
2m Curl Cord (for only 19-conductor cord)
3m Curl Cord
4m Curl Cord (for only 19-conductor cord)
5m Curl Cord

* We will select either 19-conductor cord or 25conductor cord to cover your requested specs

	Waterproofed Connector (for curl cord)
	None
	Male connector (EBSP2119MG-D, DDK)
	Female connector (EBSP2119FGS-D, DDK)
* Fill in both an access to order both compositors	

* Fill in both spaces to order both connectors.

2) Other options

