

## **16mm Rotary Encoder**

## **Type DP16 Series**

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16mm Rotary incremental encoder for use in electronic equipment.

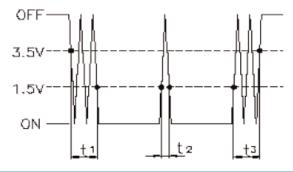
Can be supplied with customisation to standard options

### **Key Features**

- 16mm Rotary Encoder
- Incremental Type
- Various Shaft Lengths
- Pulse Options
- Detent Options

## Characteristics - Electrical

Pulses:	12 & 24
Contact Rating:	5VDC @ 5mA
Dielectric Strength:	50VAC / 1mA, 1 minute
Insulation Resistance (min):	10M ohms at 50VDC
Operating Speed (RPM):	60 RPM
Electrical Travel:	Continuous
Rotational Noise:	t2 = 2.0 ms max (see below)
Chattering:	t1 & t3 = 3.0 ms max (see below)



Code Off area V = 3.5V or more. Code on area V=1.5V or less

# Characteristics - Mechanical

Total Mechanical Travel:	Continuous
Detents:	0, 12, 24
Shaft Type:	F – Flatted
Shaft Length (from Mounting Surface):	15, 20, 25

## Characteristics - Environmental

Operating Temperature	-10 ~ +70 degrees C
Rotational Life	15,000 Cycles

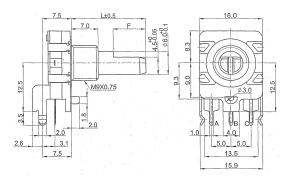
## **Output Signal Format**

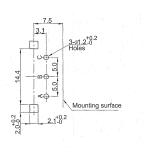
Shaft Rotational Direction	Signal	Format
Clockwise -	A (Terminal A-C)	OFF ON
	B (Terminal B-C)	OFF ON
Anticlockwise	A (Terminal A-C)	OFF ON
	B (Terminal B-C)	OFF ON



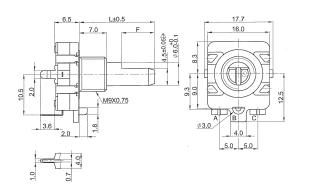
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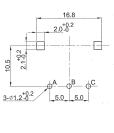
## Dimensions DP16H





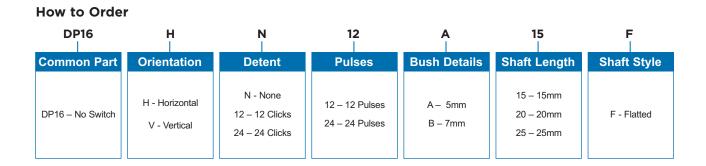
#### DP16V





## **Shaft Length**

L	15	20	25
F	7	12	12



## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

DP16VN12A20F