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Speed, Position & Current

Thermal

Pressure, Force & Flow

Relays

Switches & Equipment Health

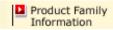
Potentiometers & Resistors

Safety Products Vehicle Controls
& Monitoring

Test &









Encoders Comparison Table

 $Representative\ photograph(s),\ actual\ product\ appearance\ may\ vary.$

Features	600EN-128-B66	600EN-128-C24	600EN-128-CBL	600EN-128-CN1
Terminals	PC terminals Type B-66 (Horizontal mount)	PC terminals Type C-24 (Vertical mount)	190,5 mm [7.5 in] long cable/lead	190,5 mm [7.5 in] long cable/connector
Encoder Type	Optical			
Pulse Per Rev	128 pulses/rev			
Dome Switch	No			
Output	2-square wave, Channel A leads Channel B by 90 ° electrically in counterclockwise direction			
Electrical Travel	Continuous			
Source Voltage Range	4.75 Vdc min., 5.0 Vdc nom., 5.25 V max.			
Suppy Current	30 mA			
Voltage Out High	2.4 Vdc min.			
Voltage Out Low	0.4 Vdc max.			
Pull-up Resistor	10 kOhms			
Operating Speed	300 RPM max.			
Operating Torque	0,011 Nm [1.5 oz in] max.			
Terminals Strength	0,9 kg [2.0 lbs]			
Housing	Molded thermoplastic			
Mechanical Travel	Continuous			
Rotational Life	10 million shaft rotations			
Shaft Axial Force	6,8 kg [15 lbs] push/pull			

Shaft End Play	0,127 mm [0.005 in] max.		
Shaft Radial Play	0,254 mm [0.01 in] at 25,4 mm [1 in]		
Shaft Material	Stainless Steel		
Shaft Diameter	6,35 mm [0.25 in]		
Shaft length	19,05 mm [0.75 in]		
Bushing Material	Nichel plated brass		
Bushing Diameter	9,53 mm [0.375 in] x 32 NEF-2A		
Bushing length	9,53 mm [0.375 in]		
Operating Temperature	-40 °C to 65 °C [-40 °F to 149 °F]		
Storage Temperature	-55 °C to 110 °C [-67 °F to 230 °F]		
Humidity	85% RH at 40 °C [104 °F] 240 Hr		
Shock	100 G at 6 per MIL-STD-202; Method 213, Condition C		
Vibration	10 Hz to 2000 Hz, 15 G; MIL-STD-202, Method 204, Condition C		
Series Name	600 Series		
Availability	Global		
UNSPSC Code	30211929		
UNSPSC Commodity	30211929 Encoders		