



NOTE:

1. ALL DIMENSIONS ARE REFERENCE.
2. DRAW WIRE CAN BE INDEXED ON THE MOUNTING PLATE FOR CABLE EXIT: LEFT, RIGHT OR UP.
3. ENCODERS PRODUCED BEFORE 9/1/2015 HAVE A DEFAULT IP ADDRESS OF 192.168.0.50.

SPECIFICATIONS

INTERFACE	ETHERNET IP, 10/100 Mbit AUTONSENSE w/ AUTO-SWITCH CAPABILITY, 2 PORT DLR FUNCTIONALITY
DEFAULT IP ADDRESS	192.168.1.50
RESPONSE TIME	1 ms
RESOLUTION	65,536 COUNTS/TURN (16 BIT ST) 4,096 TURNS (12 BIT MT) ±10 ARC-MINUTES
POWER SUPPLY	12-54 VDC
POWER CONSUMPTION	2.5W (MAX.); 100mA @ 24VDC (TYP.)
POWER OVER ETHERNET	YES
LED-NETWORK STATUS	GREEN/RED
LED-MODULE STATUS	GREEN/RED
LED-LINK/ACTIVITY LED	ORANGE
PROTECTION	IP67
SHOCK	50g, 11ms DURATION
VIBRATION	20g, 5-2,000 Hz
OPERATING TEMPERATURE	-40°C to +85°C (-40°F to +185°F)
HOUSING MATERIAL	POWDER COATED ALUMINUM
SHAFT SEAL MATERIAL	NITRILE
SPEED	6000 RPM
STARTING TORQUE	1.2 OZ-IN [.85 N-cm] @25°C (77°F)
MOMENT OF INERTIA (OZ-IN-SEC <sup>2</sup> )	6.00x10 <sup>-4</sup> @25°C (77°F)

DRAW WIRE SPECIFICATIONS

MEASURING RANGE	0 - 3000MM
MAXIMUM VELOCITY	80" PER SECOND
MAXIMUM ACCELERATION	10G (RETRACTION)
MEASURING CABLE TENSION	23.0 ± 30% OZ.
DRUM CIRCUMFERENCE	12.0" ±0.020 IN/REV
MEASURING CABLE DIAMETER	0.044"
OPERATING TEMPERATURE RANGE	-20 TO +85C (-4 TO +185F)
HOUSING MATERIAL	POLYCARBONATE/ALUMINUM
MEASURING CABLE MATERIAL	NYLON-COATED STAINLESS
MECHANICAL LIFE OF CABLE	1.3 MILLION CYCLES (1 CYCLE = 1 EXTENSION + 1 RETRACTION)

A	DRAWING RELEASE	NF	11/12/15	
REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
1. 2. 3. 4.		DRFT NF	DATE 11/12/15	DESCRIPTION DW3000-152-89R-9H28B-B2M12
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	APVD K.H.	SCALE 1=4.0	
FINISH	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [ MILLIMETER ]		IDENTIFICATION NO. 1562124 (SOURCE)
SEE SPECIFICATIONS		DO NOT SCALE THIS DRAWING		REV A
SEE SPECIFICATIONS		FILE: 1562124		SHEET 1 OF 1