



SPECIFICATIONS	
RATED OPERATING DISTANCE	8mm =.315"
MOUNTING MODE	NON-FLUSH
MIN. REPEAT ACCURACY	≤2%
TEMPERATURE DRIFT	≤±10% ≤±15%, ≤-25°C v ≥ +70°C
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-30°C to +85°C (-22°F to +185°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤10%
RATED OPERATIONAL CURRENT	≤200 mA
NO-LOAD CURRENT	≤20 mA
RESIDUAL CURRENT	≤0.1 mA
RATED INSULATION VOLTAGE	≤0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, NPN
MAX. SWITCHING FREQUENCY	≤2.0 kHz
HOUSING MATERIAL	METAL, BRASS/CHROME PLATED
ACTIVE FACE	PLASTIC, LCP
CONNECTION	M12x1
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
POWER ON INDICATION	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW

NOTES:

1. UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.

NOTES:  1. UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.					RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		<div>TURCK</div> <div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us</div>							
					1. 2. 3. 4.													
					MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT		IK		DATE		2/6/98		DESCRIPTION  N18U-M12-AN6X2-H1141	
					SEE SPECS				APVD				SCALE		1=1.0			
					FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT  INCH [ MILLIMETER ]				IDENTIFICATION NO.				REV	
		1644155				C												
C	UPDATE ID NUMBER PER HARMONIZATION PROJECT				CBM	12/06/17												
REV	DESCRIPTION				BY	DATE		ECO NO.		DO NOT SCALE THIS DRAWING				FILE: 1644155		SHEET 1 OF 1		