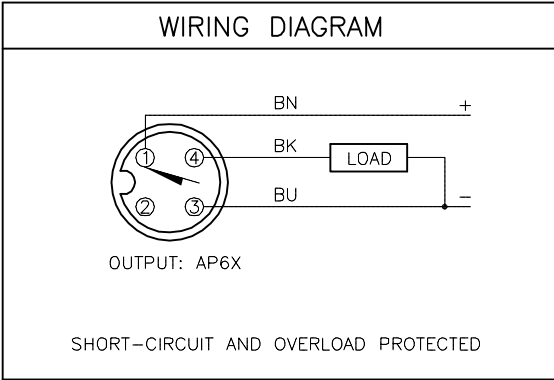


WIRING DIAGRAM

OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



WIRING DIAGRAM

OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-P18

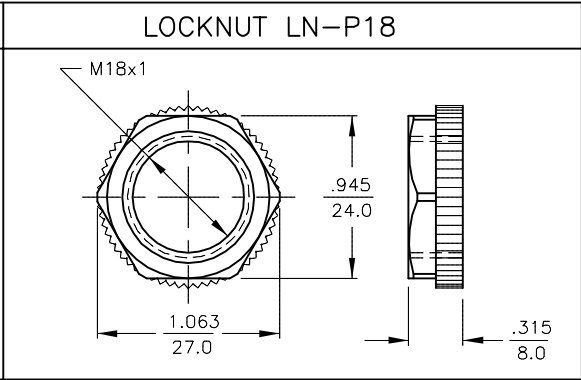
M18x1

Top View Dimensions:

- Outer Diameter: 1.063
- Inner Diameter: .945
- Width: 27.0
- Threaded Section Width: 24.0

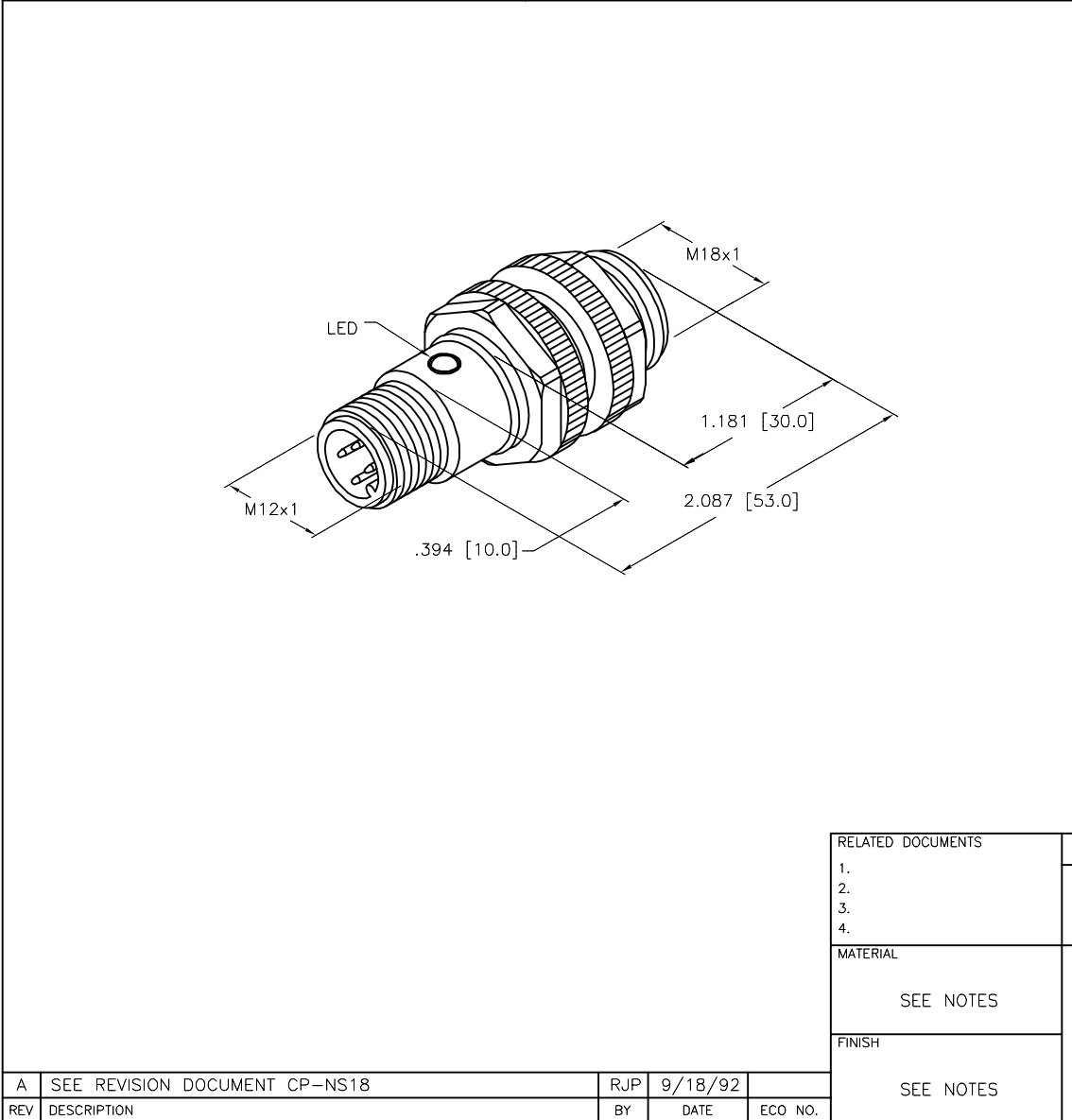
Side View Dimensions:

- Threaded Section Width: .315
- Overall Width: 8.0



SPECIFICATIONS	
RATED OPERATING DISTANCE	8mm [.315]
MOUNTING MODE	NON-FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SWITCHING FREQUENCY	≤ 10.5 kHz
HOUSING MATERIAL	PLASTIC, PA
ACTIVE FACE MATERIAL	PLASTIC, PA
CONNECTOR	M12x1
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW

RATED OPERATING DISTANCE	8mm [.315]
MOUNTING MODE	NON-FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SWITCHING FREQUENCY	≤ 10.5 kHz
HOUSING MATERIAL	PLASTIC, PA
ACTIVE FACE MATERIAL	PLASTIC, PA
CONNECTOR	M12x1
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW



	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK INC <i>High Technology Sensors and Automation Controls</i>		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
	DRFT	GMB	DATE	5/09/89	DESCRIPTION NI 8-S18-AP6X-H1141	
	DSGN		SCALE	1 = 1.0		
	UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING				IDENTIFICATION NO. T4652600	
				REV A		
				FILE: T4652600		
				SHEET 1 OF 1		

	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK INC <i>High Technology Sensors and Automation Controls</i>		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
	DRFT	GMB	DATE	5/09/89	DESCRIPTION NI 8-S18-AP6X-H1141	
	DSGN		SCALE	1 = 1.0		
	UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING				IDENTIFICATION NO. T4652600	
				REV A		
				FILE: T4652600		
				SHEET 1 OF 1		