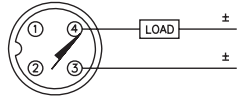
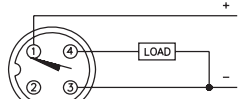
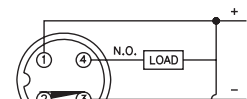
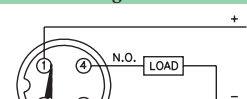
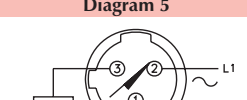
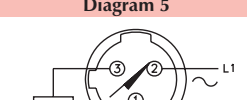
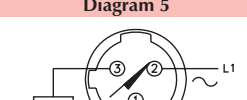
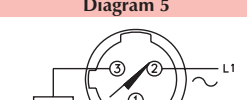


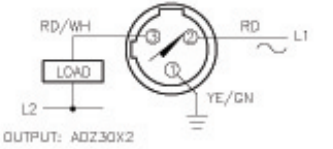
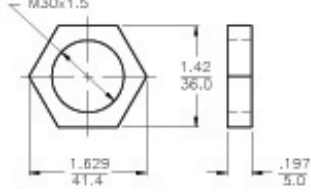
Inductive Sensors

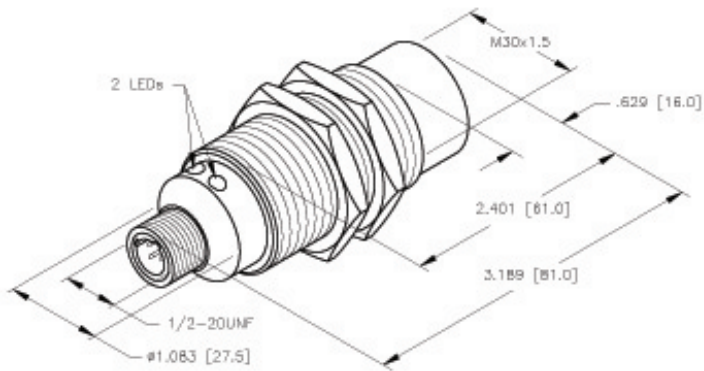


Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
30 mm - Nonembeddable, eurofast® Connection, Extended Barrel Length 	Ni 15-M30E-AD4X-H1141	T4417790		15	2-Wire DC
	Ni 15-M30E-AP6X-H1141	T4617791		15	3-Wire DC PNP
	Ni 15-M30E-VN4X-H1141	T1571590	Comp. Outputs	15	4-Wire DC NPN
	Ni 15-M30E-VP4X-H1141	T1561790	Comp. Outputs	15	4-Wire DC PNP
30 mm - Embeddable, microfast® Connection 	Bi 10-G30-ADZ30X2-B3131	T4207591		10	2-Wire AC/DC Short-Circuit Protected
	Bi 10U-G30-ADZ30X2-B3131	M4281613	Uprox	10	
	Bi 15-EG30H-ADZ30X2-B3131	T4207284	Stoneface	15	
	Bi 15-G30-ADZ30X2-B3131	T4207201		15	
	Bi 10-G30-AZ3X-B3131	T4372298		10	2-Wire AC/DC
30 mm - Embeddable, microfast Connection, Teflon Coated 	Bi 10-GT30-ADZ30X2-B3131/S34	T4256203	WFI	10	2-Wire AC/DC Short-Circuit Protected
	Bi 10-GT30H-ADZ30X2-B3131/S34	T4256094	Stoneface, WFI	10	
	Bi 10-GT30H-ADZ30X2-B3131/S34/S1589	T4255281	weldguard®, WFI	10	
	Bi 10U-GT30-ADZ30X2-B3131	M4281623	Uprox	10	
	Bi 10-GT30H-ADZ30X2-B3131/S34/S1610	T4207287-1	armorguard	10	
30 mm - Nonembeddable, microfast Connection 	Ni 15-G30-AZ3X-B3131	T1306090		15	2-Wire AC
	Ni 20-G30-ADZ30X2-B3131	T4205406		20	2-Wire AC/DC Short-Circuit Protected
	Ni 20U-G30-ADZ30X2-B3131	M4281813	Uprox	20	
30 mm - Nonembeddable, microfast Connection, Teflon Coated 	Ni 20U-GT30-ADZ30X2-B3131	M4281823	Uprox	20	2-Wire AC/DC Short-Circuit Protected

Voltage	Switching Freq. (Hz)	Operating Current (mA) AC/DC	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	200	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4,2T-*	1	Diagram 1 
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4,4T-*	3	Diagram 2 
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4,4T-*	4	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	GN	RD	KB 3T-*	5	Diagram 3 
	20	≤400/300	-30 to +85	IP 67	CPB	PA 12	GN	YE	KB 3T-*	5	
	20	≤400/300	-25 to +70	IP 67	SS	SF	GN	RD	KBE 3T-*/S600	5	
	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	GN	RD	KB 3T-*	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	5	Diagram 4 
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	TC	TC	GN	RD	KB 3T-*	5	Diagram 5 
	20	≤400/300	-25 to +70	IP 67	TC	SF	GN	RD	KBE 3T-*/S600	5	
	20	≤400/300	-25 to +70	IP 67	TC	WG	GN	RD	KBE 3T-*/S600	5	
	20	≤400/300	-30 to +85	IP 67	TC	TC	GN	YE	KB 3T-*	5	
	20	≤400/300	-25 to +70	IP 67	AG	WG	GN	YE	KBE 3T-*/S600	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	GN	RD	KB 3T-*	5	
	20	≤400/300	-30 to +85	IP 67	CPB	PA 12	GN	YE	KB 3T-*	5	
20-250 VAC 10-300 VDC	20	≤400/300	-30 to +85	IP 67	TC	TC	GN	YE	KB 3T-*	5	


* Length in meters.

WIRING DIAGRAM	LOCKNUT LN-M30	SPECIFICATIONS	
 <p>RD/WH LOAD L2 RD L1 YE/GN OUTPUT: ADZ30X2 SHORT-CIRCUIT AND OVERLOAD PROTECTED</p>	 <p>M30x1.5 1.42 36.0 1.629 41.4 .197 5.0</p>	<p>OPERATING VOLTAGE 20-250 VAC / 10-300 VDC LINE FREQUENCY 40-60 Hz HYSTERESIS (DIFFERENTIAL TRAVEL) 3-15% (5% TYPICAL) VOLTAGE DROP ACROSS CONDUCTING SENSOR ≤ 6.0 V at 400 mA OUTPUT FUNCTION NORMALLY OPEN 2-WIRE AC/DC SELF-CONTAINED SHORT-CIRCUIT PROTECTED YES TRIGGER CURRENT FOR OVERLOAD PROTECTION ≥ 440 mA CONTINUOUS LOAD CURRENT 400 mA AC / 300 mA DC LEAKAGE (OFF-STATE) CURRENT ≤ 1.7 mA MINIMUM LOAD CURRENT ≥ 3.0 mA INRUSH CURRENT ≤ 4.0 A (≤20 ms/5 Hz) TIME DELAY BEFORE AVAILABILITY ≤ 120 ms POWER-ON EFFECT PROTECTION PER IEC 947-5-2 PROTECTION AGAINST TRANSIENTS PER EN 60947-5-2 OPERATING TEMPERATURE -25°C to +70°C (-13°F to +158°F) ENCLOSURE MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67 SHOCK 30 g, 11 ms VIBRATION 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES) LED FUNCTION GREEN = POWER ON FLASHING GREEN = SHORT-CIRCUIT WARNING RED = OUTPUT ENERGIZED SENSING RANGE 20 mm = .787" (NOMINAL) SWITCHING FREQUENCY 60 Hz REPEATABILITY ≤ 2% OF RATED OPERATING DISTANCE SHIELDED NO MATING PLUGS/CABLES 3-PIN "MICROFAST" CONSTRUCTION</p>	



SOURCE DRAWING - FOR REFERENCE ONLY

1. ALL DIMENSIONAL TOLERANCES: ±1.0mm

<p>RELATED DOCUMENTS</p> <ol style="list-style-type: none"> 1. 2. 3. 4. 	<p>3RD ANGLE PROJECTION</p> 	<p>THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</p>	<p>TURCK INC High Technology Sensors and Automation Controls</p>		
<p>MATERIAL BRASS BARREL</p>	<p>TOLERANCES UNLESS OTHERWISE SPECIFIED 0.0384in [1.00mm]</p>	<p>DWGT CBM USDR</p>	<p>DATE 11/08/00 SCALE NONE</p>	<p>DESCRIPTION Ni20-G30-ADZ30X2-B3131</p>	
<p>FINISH COPPER, NICKEL, CHROME PLATING</p>	<p>UNIT OF MEASUREMENT INCH [MILLIMETER]</p>		<p>IDENTIFICATION NO. T4205406</p> <p>REV A</p>		
<p>A DRAWING RELEASE</p>	<p>CBM 03/29/01</p>	<p>DO NOT SCALE THIS DRAWING</p>		<p>FILE: T4205406 SHEET 1 OF 1</p>	