

WIRING DIAGRAM

OUTPUT: AN7X

WARNING: NO SHORT-CIRCUIT PROTECTION.  
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-P18

M18x1

1.063  
27.0

.945  
24.0

.315  
8.0

2.0 METER CABLE

LED

.157 [4.0]

1.969 [50.0]

2.362 [60.0]

M18x1

SPECIFICATIONS	
RATED OPERATING DISTANCE	5mm = .197"
MOUNTING MODE	FLUSH
HYSTERESIS	3-15%
REPEATABILITY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATING VOLTAGE	10-30 VDC
MAX. RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 10 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	3-WIRE DC, NORMALLY OPEN, NPN
SHORT-CIRCUIT PROTECTION	INCORPORATED
MAX. VOLTAGE DROP	≤ 1.0 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PBT-GF30-V0
ACTIVE FACE	PLASTIC, PBT-GF30-V0
CABLE	ø5.2, PVC
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 x g (11 ms)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW

RELATED DOCUMENTS

- 1.
- 2.
- 3.
- 4.

MATERIAL

SEE SPECIFICATIONS

FINISH

3RD ANGLE PROJECTION

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

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DRFT GMB

DATE 5/17/88

DSGN

SCALE 1=1.0

UNIT OF MEASUREMENT

INCH [ MILLIMETER ]

DO NOT SCALE THIS DRAWING

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DESCRIPTION

Bi5-S18-AN7X

IDENTIFICATION NO.

T1714000

REV

D

D	UPDATE MAX VOLTAGE DROP	RDS	06/16/11	35369
REV	DESCRIPTION	BY	DATE	ECO NO.