

WIRING DIAGRAM

OUTPUT: AP4X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-P18

M18x1

1.063
27.0

.945
24.0

.315
8.0

0.5 METERS

LED

POTENTIOMETER (SENSITIVITY ADJUSTMENT)

.098 [2.5]

2.362 [60.0]

2.756 [70.0]

M18x1

RS 4T CONNECTOR

M12x1

SPECIFICATIONS

HYSTERESIS	2-20%
TEMPERATURE DRIFT	≤ ± 20%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-65 VDC
MAX. RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PA12-GF30
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
CABLE	ø5.2, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

THIS DRAWING IS 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

MATERIAL

SEE SPECIFICATIONS

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT RWC

DATE 03/24/10

DSGN AF

SCALE 1=1.5

UNIT OF MEASUREMENT

INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

DESCRIPTION

BCF 5-S18-AP4X-0.5M-RS 4T

IDENTIFICATION NO.

M2503077

REV

A

FILE: M2503077

SHEET 1 OF 1

A

DRAWING RELEASE

RWC

03/30/10

REV

DESCRIPTION

BY

DATE

ECO NO.