

CATALOG LISTING

RDS-DIN1-PA-D1

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REPLACES -

RELEASE NO. PR-23716

CHECK

REVISIONS

A 204312

JLH 7NOV01

CHECK

9 NOV 98

SAV

CHECK

9 NOV 98

LJK

PTC/CAD

DRAWN

MICRO SWITCH
a Honeywell Division

FED. MFG. CODE 91929

INTERFACE MODULE
RAILWAY

CATALOG LISTING

RDS-DIN1-PA-D1

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97,03±,76
3.820±.030

88,26±,76
3.475±.030

22,60±,76
.890±.030

74,93±,76
2.950±.030

BLUE

BROWN

INPUT

OUTPUT

HONEYWELL

NEG

POS

(-)

(+)

(-)

(+)

DISPLAY STATUS LED (RED)

LOAD

HONEYWELL

RDS-DIN1-PA-D1

INTERFACE MODULE

NON-FAIL SAFE DEVICE

(PNP) SOURCE N.O.

18 - 30 VDC, 20 ma

DATE CODE

MICRO SWITCH USA

MICRO SWITCH SINGLE POLE "PB" STYLE TEST SWITCH WITH STEEL PLUNGER

POS(+)

LOAD(OUTPUT)

NEG(-)

18-30 VDC

LOAD

2-WIRE DC PROX

BLUE

BROWN

INTERFACE MODULE (INPUT)

(3,81)
(1.50)

2

NOTES

1 - ENCLOSURE DESIGNED TO BE MOUNTED ON 35mm DIN RAIL

2 - PRESSURE PLATE TERMINALS ARE DESIGNED TO ACCOMMODATE UP TO 12 AWG WIRE

3 - INTERFACE MODULE IS DESIGNED TO BE USED WITH THE HONEYWELL 926FS SERIES RAILWHEEL PROXIMITY SWITCH

4 - LED AND OUTPUT IS "ON" WHEN TARGET IS SENSED BY PROXIMITY SWITCH

5 - 2 - WIRE, DC OUTPUT OF PROXIMITY SWITCH IS CONVERTED TO 3 - WIRE, DC TYPE OUTPUT

ELECTRICAL SPECIFICATION:

SUPPLY VOLTAGE : 18-30 VDC

OUTPUT TYPE : N.O. CURRENT SOURCE (PNP)

SATURATION VOLTAGE : 6.5 V MAX 20 mA

LOAD CURRENT : 20 mA MAX

LEAKAGE CURRENT : 50 uA MAX

POWER UP DELAY TIME 50 mSEC MAX

ENVIROMENTAL:

TEMPERATURE RANGE: -40° C TO 70° C

SHOCK : 6G, 11 mSEC, HALF SINE WAVE

VIBRATION : 10G / .060 INCH AMPLITUDE
10 TO 500 Hz

HUMIDITY : 10 DAYS 95% MIN

FEATURES :

REVERSE POLARITY PROTECTION

SHORT CIRCUIT PROTECTION

RADIATED ELECTRIC FIELD IMMUNITY

IEC801-3, LEVEL 3, 10 VOLTS / METER

FREQUENCY RANGE : 27 MHz TO 50 MHz

TRANSIENT IMMUNITY : IEC 801-4,
LEVEL 4, 2000 VOLTS

SURGE IMMUNITY : IEC 801-5, LEVEL 2
2000 VOLTS, 1/50 uSEC 12 OHMS

NOMINAL DELAY : 100 uSEC

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

DIM. mm

TOL mm/in

DIM. in

TOL mm/in

NO PLACES X 1/.04 X.X 0.8/.03

ONE PLACE X.X 0.4/.016 X.XX 0.38/.015

TWO PLACES X,XX 0.15/.006 X.XXX 0.13/.005

THREE PLACES ANGLES

SI METRIC X

US CUSTOMARY

DESIGN UNITS

WEIGHT

ANSI Y14.5M-1982 APPLIES