

REVISIONS	
2	7/96 AO18-262
3	12/96 AO18-293
4	7/97 CO-000083
5	8/97 CO-000106
6	CO/395 I WEIR 6/98

DRAWN
 CHECK
 DESIGN
 AUTHORITY

FIG. 1

Technical drawing of a micro switch assembly (FIG. 1) showing three views: side, front, and top. The side view shows a vertical assembly with dimensions: 50 (197) for the top section, 17.1 (.67) for the top cap, 24.75 (.974) for the main body, 30 (1.18) for the base, and 12 (.47) for the top cap offset. The front view shows a vertical assembly with dimensions: 22.0 (.866) for the top cap, 20.0 (.787) for the main body, 40 (1.57) for the top section, 73.9 (2.91) for the total height, 3.0 (.118) for the top cap offset, 15.0 (.591) for the main body offset, 55.0 (2.165) for the total height, 30.5 (.591) for the base, 3.5 (.138) for the base offset, and 75° for the top cap angle. The top view shows a circular base with dimensions: 14.5 (.571) for the outer diameter, 15.25 (.600) for the inner diameter, and 13.5 for the conduit thread. A callout 'B' indicates the conduit thread. A detail view shows the top cap with dimensions: 26° for the top cap angle, 3° for the top cap offset, and labels RP, OP, and OP2 for the top cap components.

NOTES:--

1. ZINC DIECAST BODY AND HEAD WITH STEEL COVER. BODY AND COVER FINISHED IN MICRO SWITCH BLUE EPOXY PAINT. HEAD FINISHED IN BLACK EPOXY PAINT.
2. MINIMUM OPERATING VELOCITY (V_{min}) = 0.26 rad/s
MAXIMUM OPERATING VELOCITY (V_{max}) = 25 rad/s
MAXIMUM OPERATING FREQUENCY (F_{max}) = 250 OPS/MIN
3. FREE POSITION (FP), OPERATING POINT (OP), OVERTRAVEL (OT) AND PRETRAVEL (PT) ALL TO EN50047.
4. MAXIMUM TIGHTENING TORQUE FOR FIXING SCREW = 0.5Nm (4.4in.LB)

NO CHANGES CAN BE MADE TO
THIS DRAWING WITHOUT JOINT
NEWHOUSE/FREEPORT APPROVAL

THE COPYRIGHT OF THIS DRAWING IS THE PROPERTY OF HONEYWELL LTD. THE DRAWING IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUPPLIED.	THIRD ANGLE PROJECTION		SCALE 1:1	DIMENSIONS ARE IN MM/INCHES.	MODIFY ON CAD SYSTEM ONLY
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01 OR 07

03 OR 33

04 OR 34

06 OR 36

BASIC SWITCH

CONDUIT THREAD (SEE FIGS. 1 & 2)

SIDE ROTARY ACTUATOR CERAMIC ROLLER (SEE FIG. 1)

BASIC SWITCH WITH SILVER CONTACTS

BASIC SWITCH WITH GOLD PLATED CONTACTS

EN50047 BODY TYPE (SEE FIG. 1)

GLC

X

XX

A9A

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X

XXXX

MODIFICATION CODE

1/2" NPT X 1/4 CONDUIT THREAD ADAPTER

PG 13.5 CONDUIT THREAD

M20 X 1.5 CONDUIT THREAD

PF 1/2 CONDUIT THREAD

A

01

03

04

06

07

33

34

36

1

2

3

4

5

C021

Q01

Q02

Q03

Q04

Q07

CABLE 5 WIRE, WITH GROUND, LAST CHARACTER IS IMTR. CABLE LENGTHS ARE FROM 1 TO 9 METRES. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR, 4 PIN MICRO. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR, 5 PIN MICRO TWIN KEYWAY. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR, 4 PIN MINI. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR, 5 PIN MINI. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR, 5 PIN MICRO. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

NOTE: FOR CONNECTION DIAGRAMS AND ADDITIONAL ELECTRICAL, ENVIRONMENTAL & DIMENSIONAL INFORMATION SEE DRAWING GL-49212.