

D

C

A

B

A

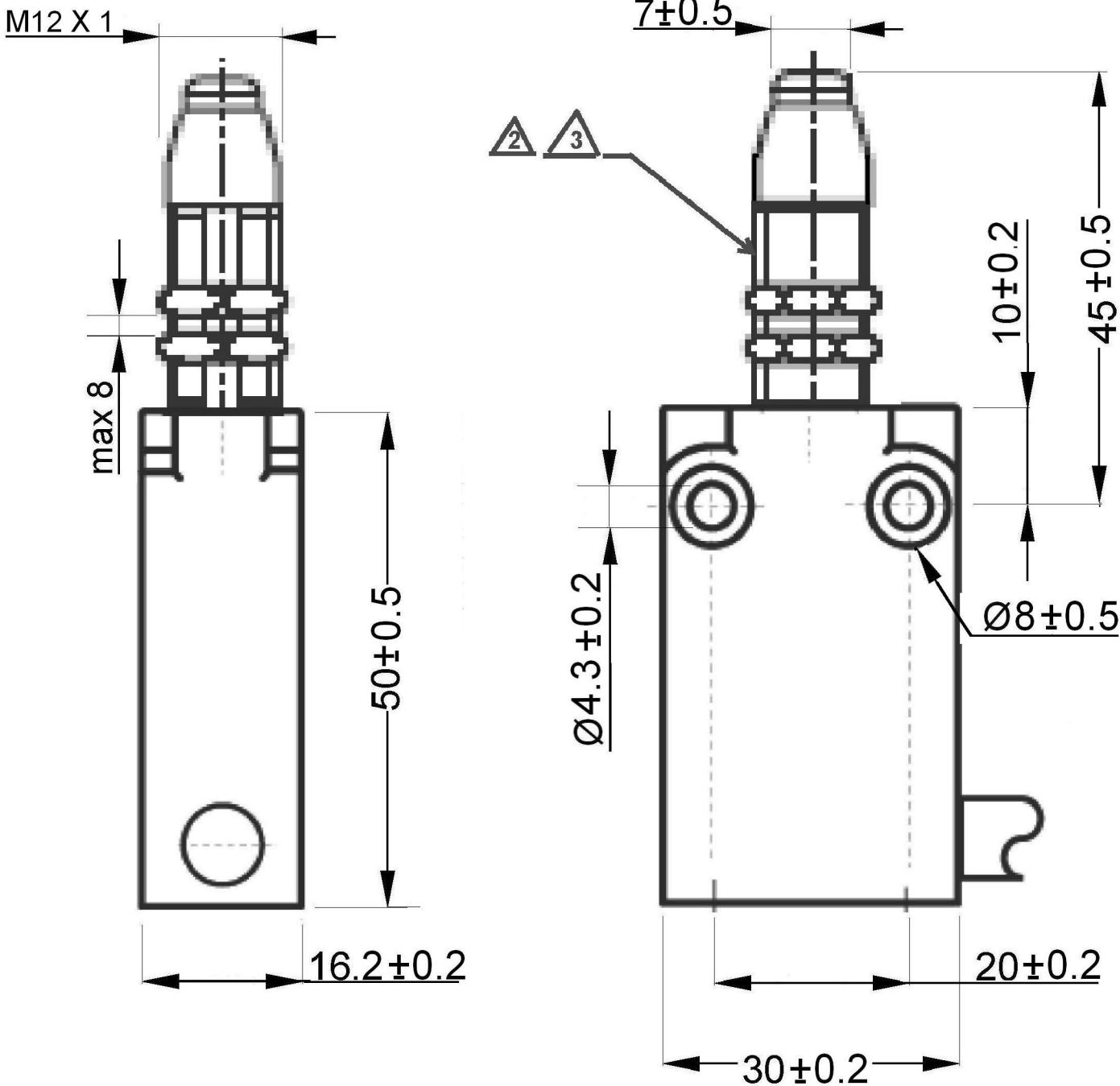
D

C

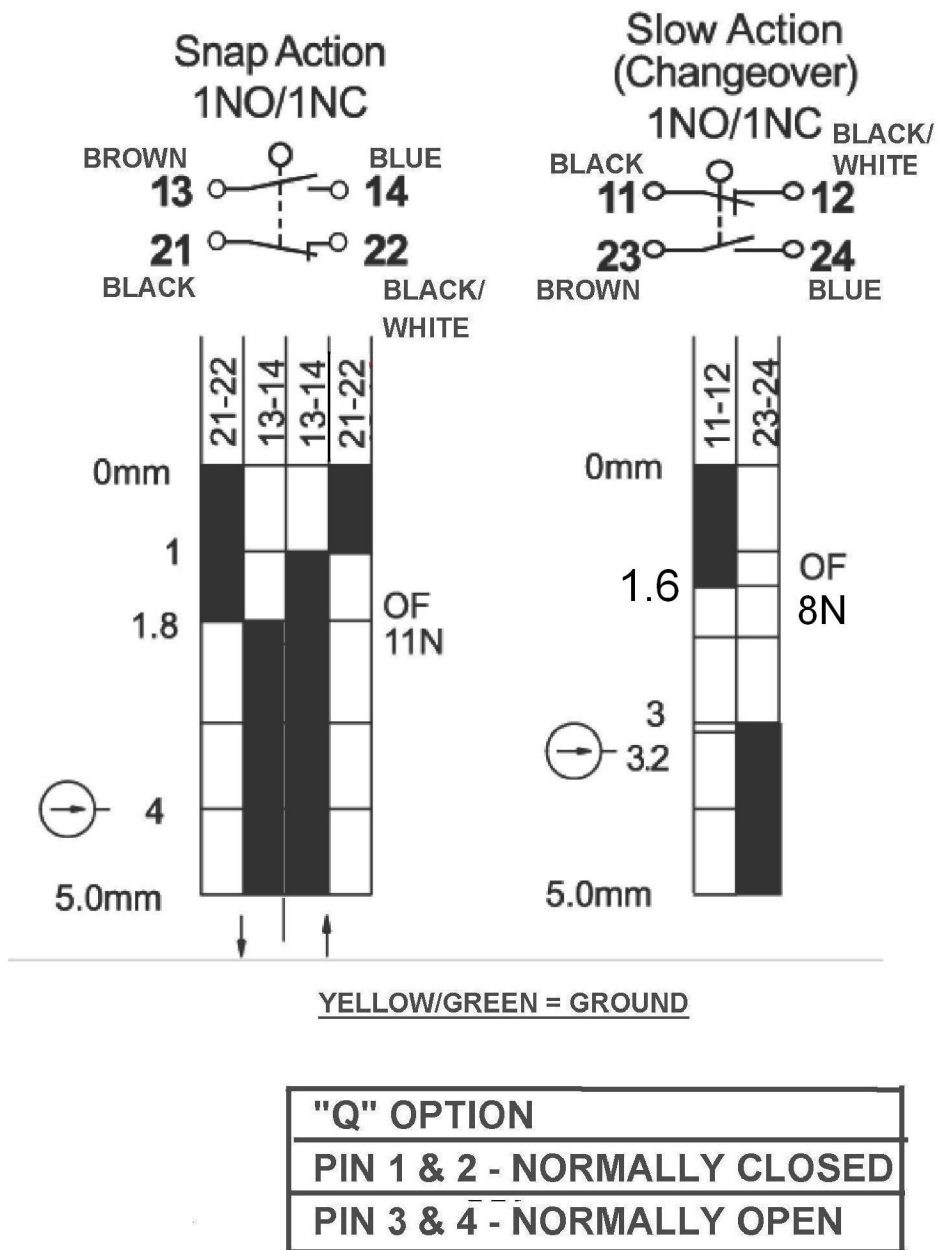
A

B

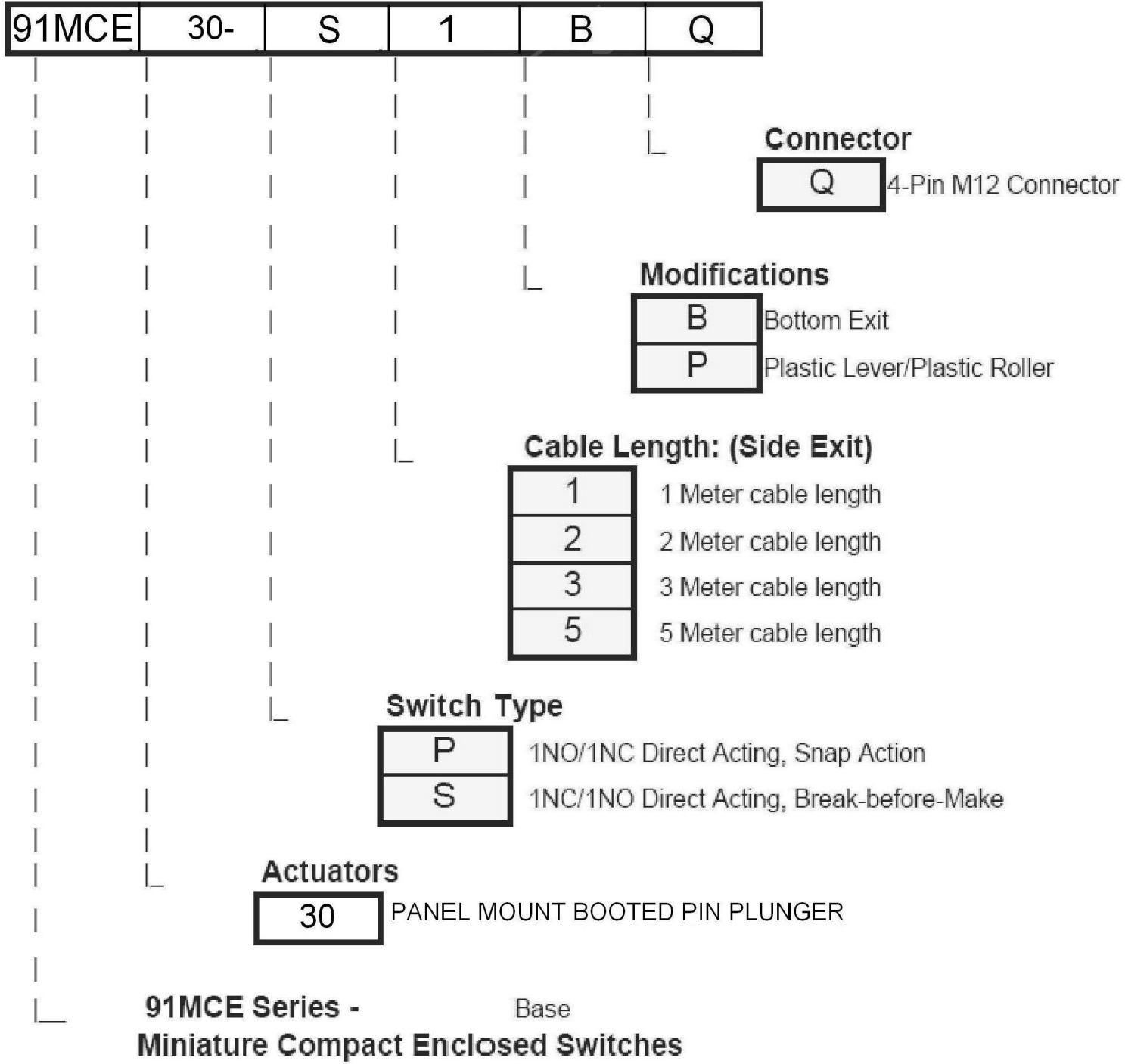
A



OPERATING CHARACTERISTICS



91MCE30 NOMENCLATURE TREE



NOTES.

- DIE CAST HOUSING FINISHED IN BLACK PAINT.
- SWITCH MOUNTS THROUGH A 12.5 DIA HOLE
- MAXIMUM PANEL THICKNESS = 8MM

SPECIFICATIONS

Operating Speed	0.05mm-1m/sec
Operating Frequency	Mechanical: 120ops/min Electrical: 30 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ
Rated Voltage	300V AC (EN60947-5-1)
Rated Thermal Current	Pre-leaded 10A- 3A Connector
Electrical Rating	AC15 A300 DC13 Q300
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	Mechanically 5 x10 ⁷ (operations)
Operating Temperature	-25~+85°C without formation of ice
Humidity	< 95%RH
Cable	5 core, 0.75mm ² (18AWG)
Degree of Protection	IP67

ELECTRICAL RATINGS

IEC 60947-5-1 / EN 90947-5-1				
Designation & Utilization Category	Rated operational current Ie (A) at rated operational voltage Ue		VA rating	
	120V	240V	Make	Break
AC15 A300	6	3	7200	720
DC13 Q300	0.55	0.27	69	69

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE +/- 0.15	APPROVALS

DESIGN UNITS: mm TOLERANCES UNLESS NOTED: NO PLACE .X ± 0.040 ONE PLACE .X ± 0.030 TWO PLACE .XX ± 0.015 THREE PLACE .XXX ± 0.005 FOUR PLACE .XXXX ± 0.0005 ANGLES ± 2	DRAWN BS 02APR07	Honeywell	
	CHECK PSR 02APR07		
THIRD ANGLE PROJECTION 	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.		TITLE COMPACT PRECISION LIMIT SWITCH
	INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY		SIZE C TYPE I DRAWING NAME 91MCE30 SERIES CHART1 REV B
RASTER		SCALE -	SHEET 1 OF 1