

DIGITAL PANEL METER ORDERING GUIDE

*** FIXED DISPLAY**

3½ DIGIT BACKLIGHT LCD METERS	p1
4½ DIGIT BACKLIGHT LCD METERS	p2
3½ DIGIT MINIATURE LCD METERS	p3
3½ DIGIT LED METERS	p4

*** 3½ DIGIT USER ADJUSTABLE DISPLAY**

DC INPUT (DC Voltmeters/Ammeters)	p5
DC SHUNT INPUT (20/50/100 mV DC)	p6
PROCESS INPUT (4-20mA / 1-5V DC)	p7
LOOP POWERED INPUT (4-20mA DC self powered)	p8
AC TRMS INPUT (V AC / A AC)	p9
FREQUENCY INPUT	p10
TEMPERATURE INPUT	p11

3 1/2 DIGIT BACKLIGHT PANEL METERS

SI ¹ X ² X ³ X ⁴ X ⁵ X ⁶ X - ⁷ X

Select and fill each squares (1 through 7) from below:

1. MOUNTING & CASE:

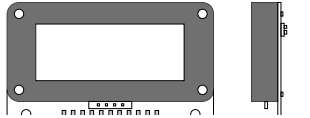
6: Window Mount



7: Bezel Mount



8: Flat Pack



9: Snap-In Bezel
(Non-Backlight Only)



4. INPUT RANGE:

0: 199.9mV DC

1: 1.999V DC

2: 19.99V DC

5. METER POWER:

4: 5V DC

5: ±5V DC

9: 9V DC

2. CONNECTION:

0: 13 Pins

1: Flat Pack Pins (*Flat Pack Only*)

2: Flat Pack Pads (*Flat Pack Only*)

3: 7 Solder Pads

4: Screw Terminal

6. BACKLIGHT POWER:

(skip if Standard Non-Backlight selected)

A: 5V DC

B: 12V DC

C: 24V DC

3. DISPLAY OPTIONS:

0: Non-Backlight



2: Positive Green



4: Negative Green



5: Positive Red



6: Negative Red



8: Positive Blue



9: Negative Blue



7. OPTIONS: *(skip if none selected)*

H: Hold Option

T: Extended Temperature

D: Dust Cover

R: RoHS

Example:

3 1/2 Digit, Bezel Mount, 13 Pins,
Non-Backlight, 199.9mV DC input,
5V DC Meter Power
Brighton P/N = **SI70004**

4 1/2 DIGIT BACKLIGHT PANEL METERS

S2 1 X 2 X 3 X 4 X 5 X 6 X - 7 X

Select and fill each squares (1 through 7) from below:

1. MOUNTING & CASE:

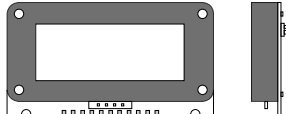
6: Window Mount



7: Bezel Mount



8: Flat Pack



9: Snap-In Bezel
(Non-Backlight Only)



4. INPUT RANGE:

0: 199.99mV DC

1: 1.9999V DC

2: 19.999V DC

5. METER POWER:

4: 5V DC

9: 9V DC

2. CONNECTION:

1: Flat Pack Pins (*Flat Pack Only*)

2: Flat Pack Pads (*Flat Pack Only*)

7: 13 Pins

8: Screw Terminal

9: Solder Pads

6. BACKLIGHT POWER:

(skip if Standard Non-Backlight selected)

A: 5V DC

B: 12V DC

C: 24V DC

3. DISPLAY OPTIONS:

0: Non-Backlight



2: Positive Green



4: Negative Green



5: Positive Red



6: Negative Red



8: Positive Blue



9: Negative Blue



7. OPTIONS: *(skip if none selected)*

T: Extended Temperature

D: Dust Cover

R: RoHS

Example:

4 1/2 Digit, Window Mount, 13 Pins,
Negative Red, 199.99mV DC input,
5V DC Power, 12V DC Backlight Power
Brighton P/N = **S267604B**

3½ DIGIT MINIATURE PANEL METERS



SI ¹5 ²5 ³0 ⁴X ⁵X - ⁶X

1. MOUNTING & CASE:

5: Snap-In Bezel

2. CONNECTION:

5: 26 Pins

3. DISPLAY OPTIONS:

0: Non-Backlight

4. INPUT RANGE:

0: 199.9mV DC

1: 1.999V DC

2: 19.99V DC

5. METER POWER:

4: 5V DC

5: ±5V DC

9: 9V DC

6. OPTIONS: *(skip if none selected)*

H: Hold Option

R: RoHS



Annunciators

Example:

3 1/2 Digit, Miniature Panel Meter,
Non-Backlight, 199.9mV DC input,
5V DC Meter Power, Hold Option
Brighton P/N = **SI55004-H**

3½ DIGIT LED PANEL METERS

STANDARD LED



SI ¹ 4 ² 6 ³ X ⁴ X ⁵ X - ⁶ X

1. MOUNTING & CASE:

4: Window Mount
(Bezel Mount Kit Included)

2. CONNECTION:

6: 10 Pins

3. DISPLAY OPTIONS:

8: Green LED

9: Red LED

4. INPUT RANGE:

0: 199.9mV DC

1: 1.999V DC

2: 19.99V DC

5. METER POWER:

4: 5V DC

5: ±5V DC

6. OPTIONS: *(skip if none selected)*

R: RoHS

BIGDIGIT LED



SI ¹ D ² X ³ X ⁴ X ⁵ X - ⁶ X

1. MOUNTING & CASE:

D: 1/8 DIN CASE
(NEMA4 RAGED)

2. CONNECTION:

4: Screw Terminal

6: 10 Pins

3. DISPLAY OPTIONS:

8: Green LED

9: Red LED

4. INPUT RANGE:

A: Amp DC
(200uA, 2mA, 20mA, 200mA user selectable)

B: Volt DC
(200mV, 2V, 20V, 200V user selectable)

5. METER POWER:

4: 5V DC or 9V/12V

6. OPTIONS: *(skip if none selected)*

H: Hold Option

R: RoHS

3½ DIGIT SPACE SAVER PANEL METERS DC INPUT

SI 1 X 2 4 3 X 4 X 5 D 6 X -7 X -8 X

Select and fill each squares (1, 3, 4, 6,7 & 8) from below:

1. Mounting & Case:

- 6: Window Mount
- 7: Bezel Mount
- 9: Snap-In Bezel (Non-Backlight Only)
- D: 1/8 DIN Case

2. Connection:

- 4: Screw Terminal

3. Display Options:

- 0: Non-Backlight 
- 2: Positive Green 
- 4: Negative Green 
- 5: Positive Red 
- 6: Negative Red 
- 8: Positive Blue 
- 9: Negative Blue 

4. Input Range:

- 0: 199.9mV
- 1: 1.999V
- 2: 19.99V
- 3: 199.9V
- 4: 350V
- 6: 1.999mA
- 7: 19.99mA
- 8: 199.9mA
- 9: 1.999A

5. Input Type:

- D: DC

6. Meter Power:

- A: 115/230V AC
- D: 12V/24 DC (Isolated)

7. Calibration Options: *(skip if none selected)*

- 2: 1500
- 3: 1000
- 4: 750
- 5: 500
- 6: 300
- 7: 200
- 8: 100
- S: Special *(Specify input min. & max. and the corresponding min. & max. display reading)*

7. Options: *(skip if none selected)*

- T: Extended Temperature
- D: Dust Cover
- R: RoHS

Example:

3 1/2 Digit, Bezel Mount,
Positive Green, 350V DC input,
12/24V DC Meter Power
Brighton P/N = **SI7424DD**

3 1/2 DIGIT SPACE SAVER PANEL METERS DC SHUNT INPUT

SI 1 X 2 4 3 X 4 X 5 D 6 X - 7 X - 8 X

Select and fill each squares (1, 3, 4, 6, 7 & 8) from below:

1. Mounting & Case:

- 6: Window Mount
- 7: Bezel Mount
- 9: Snap-In Bezel (Non-Backlight Only)
- D: 1/8 DIN Case

2. Connection:

- 4: Screw Terminal

3. Display Options:

- 0: Non-Backlight 
- 2: Positive Green 
- 4: Negative Green 
- 5: Positive Red 
- 6: Negative Red 
- 8: Positive Blue 
- 9: Negative Blue 

4. Input Range:

- C: 50mV
 - D: 100mV
- * Standard Calibration
00.0 to 100.0 Counts*

5. Input Type:

- D: DC

6. Meter Power:

- A: 115/230V AC
- D: 12V/24 DC (Isolated)

7. Calibration Options: *(skip if none selected)*

- 2: 1500
- 3: 1000
- 4: 750
- 5: 500
- 6: 300
- 7: 200
- 8: 100
- S: Special *(Specify input min. & max. and the corresponding min. & max. display reading)*

8. Options: *(skip if none selected)*

- T: Extended Temperature
- D: Dust Cover
- R: RoHS

Example:

3 1/2 Digit, Bezel Mount,
Positive Red, 50mV DC input,
115/230V AC Meter Power
Brighton P/N = **SI745CDA**

3 1/2 DIGIT SPACE SAVER PANEL METERS PROCESS INPUT

SI 1 X 2 4 3 X 4 X 5 D 6 X - 7 X - 8 X

Select and fill each squares (1, 3, 4, 6, 7 & 8) from below:

1. Mounting & Case:

- 6: Window Mount
- 7: Bezel Mount
- 9: Snap-In Bezel (Non-Backlight Only)
- D: 1/8 DIN Case

2. Connection:

- 4: Screw Terminal

3. Display Options:

- 0: Non-Backlight 
- 2: Positive Green 
- 4: Negative Green 
- 5: Positive Red 
- 6: Negative Red 
- 8: Positive Blue 
- 9: Negative Blue 

4. Input Range:

- A: 4~20mA
 - G: 1~5V
- * Standard Calibration
00.0 to 100.0 Counts

5. Input Type:

- D: DC

6. Meter Power:

- A: 115/230V AC
- D: 12V/24 DC

7. Calibration Options: *(skip if none selected)*

- 2: 1500
- 3: 1000
- 4: 750
- 5: 500
- 6: 300
- 7: 200
- 8: 100
- S: Special *(Specify input min. & max. and the corresponding min. & max. display reading)*

8. Options: *(skip if none selected)*

- T: Extended Temperature
- D: Dust Cover
- R: RoHS

Example:

3 1/2 Digit, Window Mount,
Negative Red, 4~20mA DC input,
115/230V AC Meter Power
Brighton P/N = **SI646ADA**

3 1/2 DIGIT SPACE SAVER PANEL METERS LOOP POWERED INPUT

SI 1 X 2 4 3 X 4 A 5 D 6 Z - 7 X - 8 X

Select and fill each squares (1, 3, 7 & 8) from below:

1. Mounting & Case:

- 6: Window Mount
- 7: Bezel Mount
- 9: Snap-In Bezel (Non-Backlight Only)
- D: 1/8 DIN Case

2. Connection:

- 4: Screw Terminal

3. Display Options:

- 0: Non-Backlight 
- 2: Positive Green 
- 4: Negative Green 
- 5: Positive Red 
- 6: Negative Red 
- 8: Positive Blue 
- 9: Negative Blue 

4. Input Range:

- A: 4~20mA
- * Standard Calibration
00.0 to 100.0 Counts

5. Input Type:

- D: DC

6. Meter Power:

- Z: Self-Powered

7. Calibration Options: *(skip if none selected)*

- 2: 1500
- 3: 1000
- 4: 750
- 5: 500
- 6: 300
- 7: 200
- 8: 100
- S: Special *(Specify input min. & max. and the corresponding min. & max. display reading)*

8. Options: *(skip if none selected)*

- A: 5V DC *(for Backlight Meters Only)*
- B: 12V DC *(for Backlight Meters Only)*
- C: 24V DC *(for Backlight Meters Only)*
- T: Extended Temperature
- D: Dust Cover
- R: RoHS

Example:

3 1/2 Digit, Window Mount,
Negative Red, 4~20mA DC input,
Self-Powered
Brighton P/N = **SI646ADZ**

3 1/2 DIGIT SPACE SAVER PANEL METERS AC TRMS INPUT

SI 1 X 2 4 3 X 4 X 5 A 6 X - 7 X - 8 X

Select and fill each squares (1, 3, 4, 6, 7 & 8) from below:

1. Mounting & Case:

- 6: Window Mount
- 7: Bezel Mount
- 9: Snap-In Bezel (Non-Backlight Only)
- D: 1/8 DIN Case

2. Connection:

- 4: Screw Terminal

3. Display Options:

- 0: Non-Backlight
- 2: Positive Green
- 4: Negative Green
- 5: Positive Red
- 6: Negative Red
- 8: Positive Blue
- 9: Negative Blue



4. Input Range:

- 0: 199.9mV
- 1: 1.999V
- 2: 19.99V
- 3: 199.9V
- 4: 350V
- 6: 1.999mA
- 7: 19.99mA
- 8: 199.9mA
- 9: 1.999A
- B: 5A

5. Input Type:

- A: AC

6. Meter Power:

- A: 115/230V AC
- D: 12V/24 DC (Isolated)

7. Calibration Options: *(skip if none selected)*

- 2: 1500
- 3: 1000
- 4: 750
- 5: 500
- 6: 300
- 7: 200
- 8: 100
- S: Special *(Specify input min. & max. and the corresponding min. & max. display reading)*

8. Options: *(skip if none selected)*

- T: Extended Temperature
- D: Dust Cover
- R: RoHS

Example:

3 1/2 Digit, Bezel Mount,
Non-Backlight, 200V AC input,
12/24V DC Meter Power
Brighton P/N = **SI7403AD**

3 1/2 DIGIT SPACE SAVER PANEL METERS FREQUENCY INPUT

SI ¹X ²4 ³X ⁴X ⁵F ⁶X - ⁷X

Select and fill each squares (1, 3, 4, 6 & 7) from below:

1. Mounting & Case:

- 6:** Window Mount
- 7:** Bezel Mount
- 9:** Snap-In Bezel (Non-Backlight Only)
- D:** 1/8 DIN Case

2. Connection:

- 4:** Screw Terminal

3. Display Options:

- 0:** Non-Backlight



- 2:** Positive Green



- 4:** Negative Green



- 5:** Positive Red



- 6:** Negative Red



- 8:** Positive Blue



- 9:** Negative Blue



4. Input Range:

- F:** 40.0~199.9Hz
- H:** 40~600Hz

5. Input Type:

- F:** Frequency

6. Meter Power:

- A:** 115/230V AC
- D:** 12V/24 DC
- Z:** Self-Powered 115/230V AC

8. Options: *(skip if none selected)*

- T:** Extended Temperature
- D:** Dust Cover
- R:** RoHS

Example:

3 1/2 Digit, Bezel Mount,
Positive Green, 40.0~199.9Hz input,
Self-Powered

Brighton P/N = **SI742FFZ**

3 1/2 DIGIT SPACE SAVER PANEL METERS TEMPERATURE INPUT

SI 1 X 2 4 3 X 4 X 5 K 6 X - 7 X

Select and fill each squares (1, 3, 4, 6 & 7) from below:

1. Mounting & Case:

- 6:** Window Mount
- 7:** Bezel Mount
- 9:** Snap-In Bezel (Non-Backlight Only)
- D:** 1/8 DIN Case

2. Connection:

- 4:** Screw Terminal

3. Display Options:

- 0:** Non-Backlight 
- 2:** Positive Green 
- 4:** Negative Green 
- 5:** Positive Red 
- 6:** Negative Red 
- 8:** Positive Blue 
- 9:** Negative Blue 

4. Input Range:

- L:** -40°~650°F
- M:** -40°~320°C

5. Input Type:

- K:** K-type

6. Meter Power:

- A:** 115/230V AC
- D:** 12V/24 DC

7. Options: *(skip if none selected)*

- T:** Extended Temperature
- D:** Dust Cover
- R:** RoHS

Example:

3 1/2 Digit, Bezel Mount,
Negative Green, -40°~650°F,
12/24V DC Meter Power
Brighton P/N = **SI744LKD**