

## Non-Illuminated Round Pushbuttons (Assembled)



| Function   | Contacts      | Round Flush   |              | Round Extended |              |
|------------|---------------|---------------|--------------|----------------|--------------|
|            |               | Plastic Bezel | Metal Bezel  | Plastic Bezel  | Metal Bezel  |
| Momentary  | Operator Only | HW1B-M1-①     | HW4B-M1-①    | HW1B-M2-①      | HW4B-M2-①    |
|            | 1NO           | HW1B-M1F10-①  | HW4B-M1F10-① | HW1B-M2F10-①   | HW4B-M2F10-① |
|            | 1NC           | HW1B-M1F01-①  | HW4B-M1F01-① | HW1B-M2F01-①   | HW4B-M2F01-① |
|            | 1NO-1NC       | HW1B-M1F11-①  | HW4B-M1F11-① | HW1B-M2F11-①   | HW4B-M2F11-① |
|            | 2NO           | HW1B-M1F20-①  | HW4B-M1F20-① | HW1B-M2F20-①   | HW4B-M2F20-① |
|            | 2NC           | HW1B-M1F02-①  | HW4B-M1F02-① | HW1B-M2F02-①   | HW4B-M2F02-① |
|            | 2NO-2NC       | HW1B-M1F22-①  | HW4B-M1F22-① | HW1B-M2F22-①   | HW4B-M2F22-① |
| Maintained | Operator Only | HW1B-A1-①     | HW4B-A1-①    | HW1B-A2-①      | HW4B-A2-①    |
|            | 1NO           | HW1B-A1F10-①  | HW4B-A1F10-① | HW1B-A2F10-①   | HW4B-A2F10-① |
|            | 1NC           | HW1B-A1F01-①  | HW4B-A1F01-① | HW1B-A2F01-①   | HW4B-A2F01-① |
|            | 1NO-1NC       | HW1B-A1F11-①  | HW4B-A1F11-① | HW1B-A2F11-①   | HW4B-A2F11-① |
|            | 2NO           | HW1B-A1F20-①  | HW4B-A1F20-① | HW1B-A2F20-①   | HW4B-A2F20-① |
|            | 2NC           | HW1B-A1F02-①  | HW4B-A1F02-① | HW1B-A2F02-①   | HW4B-A2F02-① |
|            | 2NO-2NC       | HW1B-A1F22-①  | HW4B-A1F22-① | HW1B-A2F22-①   | HW4B-A2F22-① |

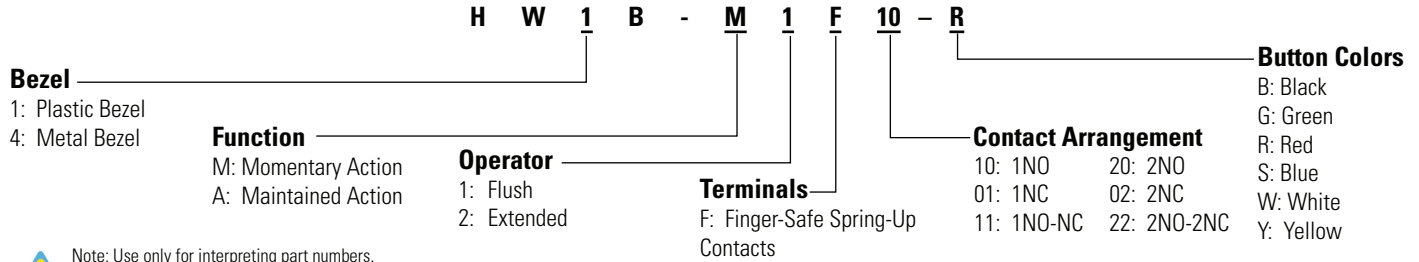
## ① Button Color Code

| Color  | Code |
|--------|------|
| Black  | B    |
| Green  | G    |
| Red    | R    |
| Blue   | S    |
| White  | W    |
| Yellow | Y    |



1. In place of ①, specify the Button Color Code from table below.
2. For nameplates and accessories, see page 677 and 680.
3. For dimensions, see page 682.
4. For contact assembly part numbers, see page 682.
5. All assembled part numbers in catalog include standard, Finger-Safe (HW-U...) contacts.
6. Operator only models include operator plus button.
7. Additional contact configurations available (up to 6 total contacts).

## Part Number Structure



## Non-Illuminated Round Pushbuttons (Replacement Parts)

| Contact Blocks | + | Mounting Adaptor | + | Safety Lever Lock | + | Anti-Rotation Ring | + | Operator | + | Button | = | Completed Unit |
|----------------|---|------------------|---|-------------------|---|--------------------|---|----------|---|--------|---|----------------|
|----------------|---|------------------|---|-------------------|---|--------------------|---|----------|---|--------|---|----------------|



### Contact Blocks

| Style | Contacts                       | 1NO                    | 1NC                    |
|-------|--------------------------------|------------------------|------------------------|
|       | Finger-Safe Spring-Up Terminal | HW-U10-F               | HW-U01-F               |
|       |                                | HW-U10R-F (early make) | HW-U01R-F (late break) |
|       | Dummy Block                    | HW-DB                  |                        |

### Anti-Rotation Ring

| Style | Part Number |
|-------|-------------|
|       | HW9Z-RL     |



Use with notched panel cutout to prevent unit rotation.

### Buttons

| Style              | Part Number |
|--------------------|-------------|
| Round Flush<br>    | HW1A-B1-①   |
| Round Extended<br> | HW1A-B2-①   |



1. In place of ①, specify the Button Color Code from table.

### Contact Block Mounting Adaptor

| Style | Part Number |
|-------|-------------|
|       | HW-CB2C     |



- Used to mount contact blocks to operator.
- IDEC strongly recommends using the safety lever lock to prevent heavy vibration or maintenance personnel from inadvertently unlocking contacts.

### Operators

| Style                |            | Plastic Bezel | Metal Bezel |
|----------------------|------------|---------------|-------------|
| Round Flush/Extended |            |               |             |
|                      |            |               |             |
|                      | Momentary  | HW1B-M0       | HW4B-M0     |
|                      | Maintained | HW1B-A0       | HW4B-A0     |

### Safety Lever Lock

| Style | Part Number |
|-------|-------------|
|       | HW9Z-LS     |

### ① Button Color Code

| Color  | Code |
|--------|------|
| Black  | B    |
| Green  | G    |
| Red    | R    |
| Blue   | S    |
| White  | W    |
| Yellow | Y    |