S22 Pro Series

Indicators and Touch Buttons

- Improve operator performance and clarify processes with bright, multicolor indication
- Ensure accurate touch response in washdown and dirty environments
- Unlock full flexibility of colors, animations and I/O logic with Pro Editor software

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Indicators or Touch Buttons

- Large, bright illuminated area for clear visibility of status
- Rugged, water resistant IP69K design for washdown environments
- Flush mount design sits tight against panel, machine and bracket surfaces
- Terminal connector options for fast, economical installation in panels
- Solid state electronics for long lifetime and reduced maintenance
- Bimodal inputs (PNP/NPN) for part count reduction
- FDA-grade models available for use in food and beverage applications

S22 Pro Flush Mount Indicators

- Use up to fourteen colors to clearly indicate machine and process status
- Guide operators quickly and clearly through machine and production processes
- Apply unique colors for special statuses, assembly, branding and more

Family	Material	Color*	Connection
S22L2	S	RGB7	Q

Material
S = Standard
F = FDA Grade

Color*
🔵 RGB7 = RGB Multicolor (7 colors)
🔵 RGB14 = RGB Multicolor (14 colors)

* 7 colors = Green, Yellow, Red, Blue, White, Cyan, Magenta with flash input

14 colors = Above colors, plus, Orange, Amber, Lime Green, Spring Green, Sky Blue, Violet and Rose

Connection
Blank = 2 m Integral Cable
Q = 5-pin Euro Integral QD
QP = 5-pin Euro Pigtail QD
T = Terminal Screws

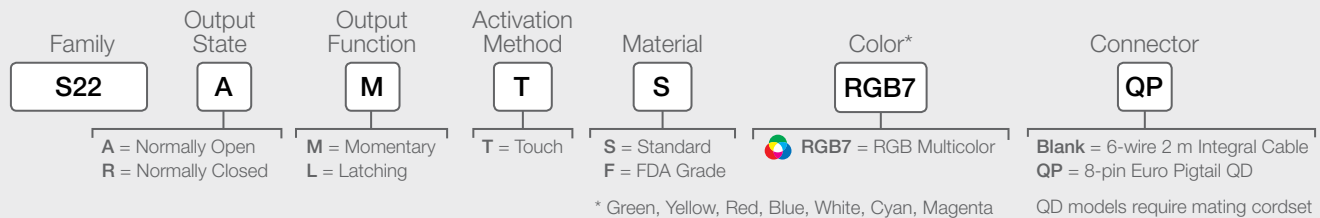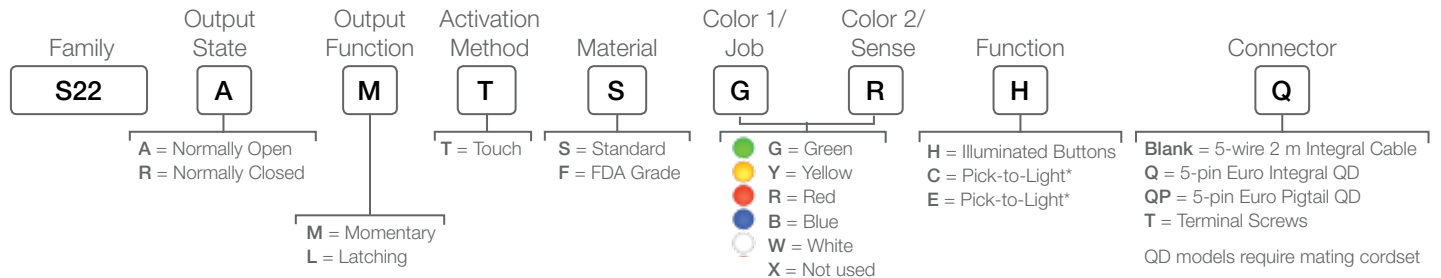QD models require mating cordset

Laser Marking Available

S22 Pro Flush-Mount Touch Buttons

- Use lighted touch buttons for two-way communication between the operator and equipment
- Give operators a bright, ergonomic button that can be activated with bare or gloved hands
- Simplify training and improve quality control procedures by using colors
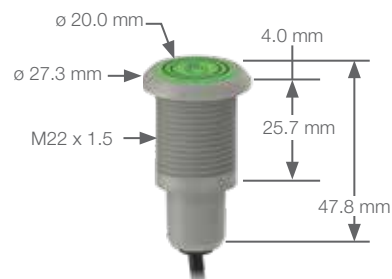
Single Color Selectable

Family	Output State	Output Function	Activation Method	Material	Color*	Connector
S22	**A**	**M**	**T**	**S**	**RGB7**	**QP**

- **A** = Normally Open
- **R** = Normally Closed

- **M** = Momentary
- **L** = Latching

- **T** = Touch

- **S** = Standard
- **F** = FDA Grade

- **RGB7** = RGB Multicolor

- **Blank** = 6-wire 2 m Integral Cable
- **QP** = 8-pin Euro Pigtail QD

* Green, Yellow, Red, Blue, White, Cyan, Magenta

QD models require mating cordset

One- or Two-Color/Function

Family	Output State	Output Function	Activation Method	Material	Color 1/ Job	Color 2/ Sense	Function	Connector
S22	**A**	**M**	**T**	**S**	**G**	**R**	**H**	**Q**

- **A** = Normally Open
- **R** = Normally Closed

- **M** = Momentary
- **L** = Latching

- **T** = Touch

- **S** = Standard
- **F** = FDA Grade

- **G** = Green
- **Y** = Yellow
- **R** = Red
- **B** = Blue
- **W** = White
- **X** = Not used

- **H** = Illuminated Buttons
- **C** = Pick-to-Light*
- **E** = Pick-to-Light*

- **Blank** = 5-wire 2 m Integral Cable
- **Q** = 5-pin Euro Integral QD
- **QP** = 5-pin Euro Pigtail QD
- **T** = Terminal Screws

QD models require mating cordset

* Latching output function not available

S22 Pro Series

ø 20.0 mm
ø 27.3 mm
M22 x 1.5
4.0 mm
25.7 mm
47.8 mm

Cabled Models

40.2 mm

QD Models

39.1 mm
ø 20.5 mm

Field-Wired Models
(Terminals)

S22 Pro Indicator Specifications

Supply Voltage	10 to 30 V dc
Construction	Housing: Polycarbonate or FDA grade plastic, depending on model Translucent dome: Polycarbonate or FDA grade plastic, depending on model Mounting Nut: PBT or FDA food grade plastic
Environmental Rating	Standard: UL Type 4x, 13 FDA Grade: UL Type 4x (indoor) Cable, Pigtail, QD models: IEC IP66, IP67, IP69K per DIN 40050-9 Terminal models: IEC IP66, IP69K per DIN 40050-9 on front only
Operating Conditions	Temperature: −40 to +50 °C Storage Temperature: −40 to +70 °C
Certifications	CE c UL us LISTED

S22 Pro Touch Button Specifications

Supply Voltage	10 to 30 V dc
Supply Protection Circuitry	Protected against reverse polarity and transient voltages
Construction	Housing: Polycarbonate or FDA grade plastic, depending on model Translucent dome: Polycarbonate or FDA grade plastic, depending on model Mounting Nut: PBT or FDA grade plastic
Environmental Rating	Standard: UL Type 4x, 13 FDA Grade: UL Type 4x (indoor) Cable, Pigtail, QD models: IEC IP66, IP67, IP69K per DIN 40050-9 on front and back Terminal models: IEC IP66, IP67, IP69K per DIN 40050-9 on front only
Connections	2 m PVC integral cable, integral Euro-style QD 150 mm Euro-style pigtail QD or terminal screws
Operating Conditions	Temperature: −40 to +50 °C Storage Temperature: −40 to +70 °C
Certifications	CE c UL us LISTED

Accessories

SMB22A

SMB22FVK

SMBAMS22P

5-Pin Euro-Style
Straight connector models listed; for right-angle models, add RA to the end of model number (example, MQDC1-506RA)

MQDC1-506	2 m (6.5')
MQDC1-515	5 m (15')
MQDC1-530	9 m (30')

5-pin M12 Euro-Style Washdown Cordset
Straight connector models only

MQDC-WDSS-0506	2 m (6.5')
MQDC-WDSS-0515	5 m (15')
MQDC-WDSS-0530	9 m (30')

8-Pin Euro-Style
Straight connector models listed; for right-angle models, add RA to the end of model number (example, MQDC-806RA)

MQDC2S-806	2 m (6.5')
MQDC2S-815	5 m (15')
MQDC2S-830	9 m (30')

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