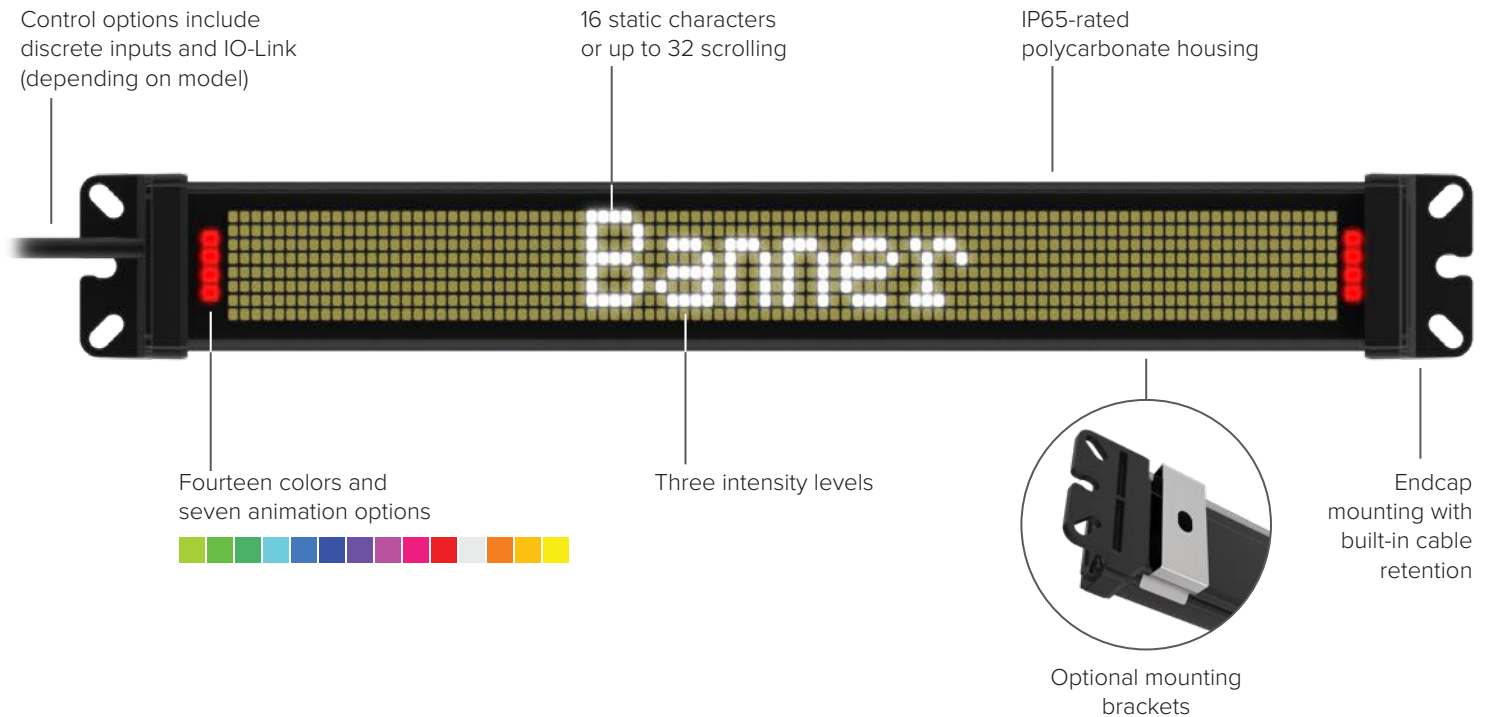# SD50 Status Display

Pick Green Bins

Provide More Status Information in the Most Helpful Locations

- Easily configurable, versatile display can be installed nearly anywhere, making it a simple yet powerful alternative to complex HMIs and other displays
- Great for displaying takt time, equipment status, assembly sequences, counts, and measurements where they are most useful
- Discrete and IO-Link models integrate into many different systems and applications, especially Banner sensing, safety, and monitoring solutions
- Quick and easy configuration—define the desired text and call it via discrete control or process data
- Bright white LED display and multicolored status LEDs legible from 10 meters away inform operators about exactly what is going on so they can respond quickly stand accurately

BANNER®

SD50 Features and Functionality

Control options include discrete inputs and IO-Link (depending on model)

16 static characters or up to 32 scrolling

IP65-rated polycarbonate housing

Fourteen colors and seven animation options

Three intensity levels

Endcap mounting with built-in cable retention

Optional mounting brackets

Communicate Critical Information

Equipment Status

Translate machine outputs to actionable information

Replace Filter

Assembly Instructions

Step through sequential operator guidance

ADD PART #243 >>

Measurement

Convert and display dynamic sensor outputs like distance, level, and more

TANK LEVEL

Timer

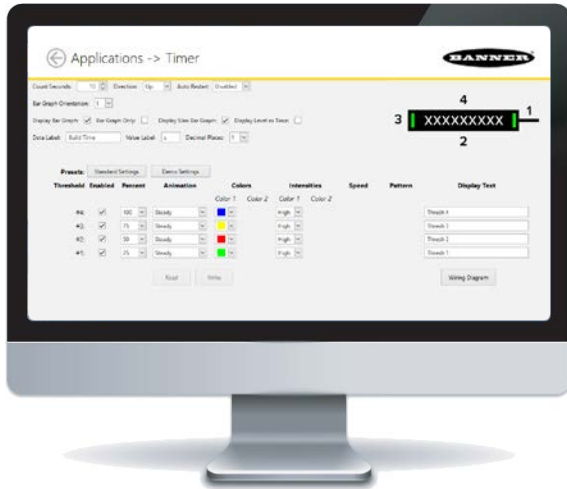Start, stop, and reset the timer to display takt time and more

TAKT TIME:4.6s

Counter

Increase or decrease the count value based on input pulses
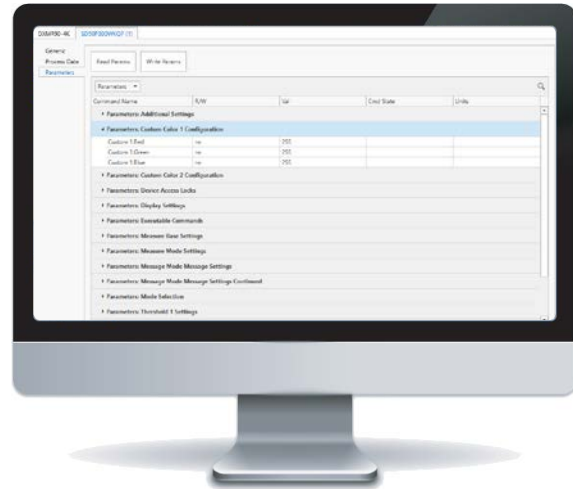
SCRAP COUNT:8

How It Works

Discrete Model

Configure text and indication via
Pro Editor and control what is displayed
via the discrete inputs
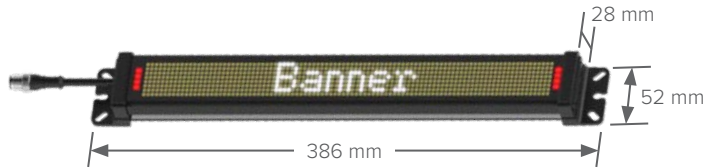(Pro converter cable sold separately)

IO-Link Model

Choose a mode and advanced functionality in
parameter data, then use process data to send
strings and values for dynamic indication
and display updates

SD50 Status Display

Description	Display Length	Control	Connection	Models
SD50 Pro Status Display	300 mm	Discrete	150 mm PVC-jacketed cable with 4-pin M12 male QD	SD50P300WD15QP
		IO-Link		SD50P300WKQP

Specifications

28 mm

52 mm

386 mm

Supply Voltage	18 to 30 V DC
Construction	Polycarbonate
Operating Conditions	−20 to +60 °C
Environmental Rating	IP65
Certifications	CE c(UL)us LISTED UKCA

Accessories

PRO-KIT
Pro editor accessory kit for configuration of discrete models with Pro Editor software

LMBSD50
Clip bracket

LMBSD50MAG
Magnetic clip bracket

LMBSD50-180S
180° clip bracket

LMBSD50-180SMAG
180° magnetic clip bracket

DXMR90-4K
Multiprotocol four port IO-Link Master

DXMR110-8K
Multiprotocol eight port IO-Link Master

R45C-2K-MQ
Two port IO-Link Master with Modbus RTU Interface

R90C-4K-MQ
Four port IO-Link Master with Modbus RTU Interface

M12 Cordset
Straight connector models listed; for right-angle models, add RA to the end of model number (example, MQDC-406RA)

4-Pin	5-Pin
MQDC-406 2 m (6.5')	**MQDC1-506** 2 m (6.5')
MQDC-415 5 m (15')	**MQDC1-515** 5 m (15')
MQDC-430 9 m (30')	**MQDC1-530** 9 m (30')

M12 Double-ended Cordset
Straight connector models

4-Pin	5-Pin
MQDEC-401SS 0.31 m (1')	**MQDEC-401SS** 0.31 m (1')
MQDEC-403SS 0.61 m (3')	**MQDEC-403SS** 0.61 m (3')
MQDEC-406SS 2 m (6.5')	**MQDEC-406SS** 2 m (6.5')