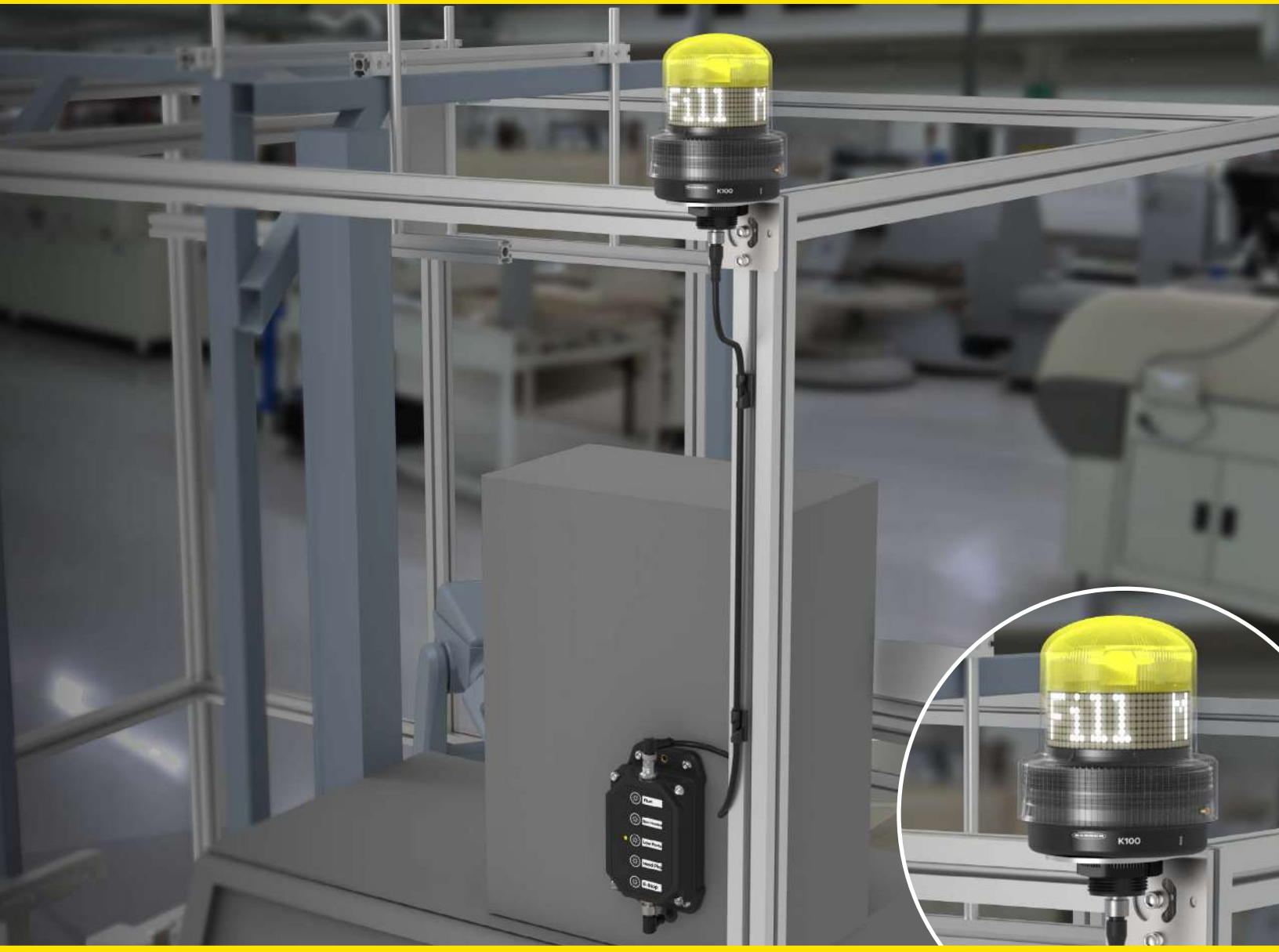
K100 Programmable Display Beacon



Indicate and Inform at Every Angle

- Improve awareness across a full 360-degrees with bright white alphanumeric display and dynamic color indication combined in a single rugged device
- Easily configure color, messages, and display behavior in discrete models with free software, or take full control via protocol with IO-Link and Modbus models
- Convey more detail with up to 32 scrolling alphanumeric characters legible from 10 meters
- Enhance visibility and status recognition with 14 distinct, configurable color options
- Make critical messages unmistakable with optional audible alerts that capture attention in noisy environments
- Integrate seamlessly into any system with discrete, IO-Link, and Modbus models

BANNER®

K100 Programmable Display Beacon

Series	Style	Type	Color	Control	Audible Alarm	Connection
K100P	**D**	**BL**	**RGB**	**D15**		**Q**
	D = Display	**BL** = Beacon light	**RGB** = Multicolor	**D15** = Discrete 15 states **K** = IO-Link **S** = Modbus	**Blank** = No audible **A** = Audible	**Q** = 5-pin M12 integral QD (Discrete) 4-pin M12 integral QD (IO-Link, Modbus) QD models require mating cordset

Specifications



M36 x 2.0 threaded base
Inner 3/4 in. NPT thread for direct pipe mounting

Supply Voltage	Discrete and Modbus: 12 to 30 V DC IO-Link: 18 to 30 V DC
Audible Alarm	101 dB at 1 m
Operating Conditions	–40 to +50 °C
Construction	Polycarbonate
Environmental Rating	IP66, IP69K

Accessories

Mounting Brackets



LMB36RA

Cordsets



M12 Double-ended Cordsets
Straight connector models listed; right-angle models available (example, BC-M12F4**A**-M12M4**A**-22-1)

4-Pin	5-Pin
BC-M12F4-M12M4-22-1 1 m (3.28')	**BC-M12F5-M12M5-22-1** 1 m (3.28')
BC-M12F4-M12M4-22-5 5 m (16.4')	**BC-M12F5A-M12M5A-22-5** 5 m (16.4')
BC-M12F4-M12M4-22-10 10 m (30.81')	**BC-M12F5A-M12M5A-22-10** 10 m (30.81')

Elevated Mount System



SA-M36E12
Threaded plastic adapter/cover

SOP-E12-150A (150 mm)
SOP-E12-300A (300 mm)
SOP-E12-600A (600 mm)
SOP-E12-900A (900 mm)
Black anodized aluminium 1/2 in. pipe

SOP-E12-150AC (150 mm)
SOP-E12-300AC (300 mm)
SOP-E12-900AC (900 mm)
Clear anodized aluminium 1/2 in. pipe

SA-F12
Black Zinc mounting base



PRO-KIT
A single Pro-Kit provides everything you need to configure text, light color, and audible alerts on the discrete K100 Programmable Display Beacon.

Banner's Pro Editor Software
is a free application-based interface that makes it easy to configure a device for a wide range of applications. The software allows users to program device status, colors, animations, and much more for control via discrete inputs, bringing intuitive indication and interaction to the visual factory.

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