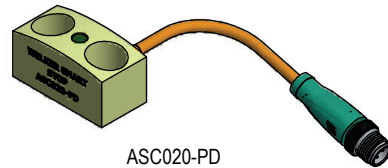


WELKER SMART STOP

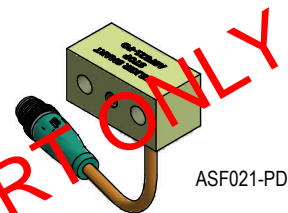
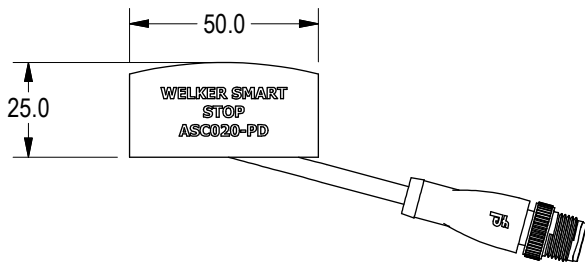
WELKER SMART STOP does all stopping & sensing functions in one part.
SMART STOP minimizes engineering, field set up and operator adjustment time.

WELKER SMART STOP eliminates:

- Need for separate mounts, brackets & flags.
- Need for switch adjustments when shimming.
- Improper adjustment of outboard switches.
- Outboard switch vibrating loose in bracket.
- Protecting outboard proxies from being stepped on or bent in tools.



MODEL NO:
 ASC020-PD FOR CROWNED, DRILL & C'BORE FOR M10 SHCS + DC SWITCH
 ASC021-PD FOR CROWNED, M10X1.5 TAP + DC SWITCH
 ASF020-PD FOR FLAT, DRILL & C'BORE FOR M10 SHCS + DC SWITCH
 ASF021-PD FOR FLAT, M10X1.5 TAP + DC SWITCH



General Specifications

Switching function	Normally Open (NO)
Output type	PNP
Rated operating distance, s _n	1.75mm
Output polarity	DC
Assured operating distance, s _a	0 - 1.42 mm
Output type	3-wire

Normal Ratings

Operating voltage, U _B	5 - 30 V DC
Switching frequency, f	0 - 6000 Hz
Reverse polarity protection	Reverse polarity protected
Short-circuit protection	Pulsing
Voltage drop, U _d	≤ 1.5 V
Operating current, I _L	0 - 100 mA
Off-state current, I _r	0 - 0.2 mA
No-load supply current, I ₀	≤ 15 mA

Indicators/Operating Means

Operating voltage indicator	LED green
Switching state indicator	LED yellow

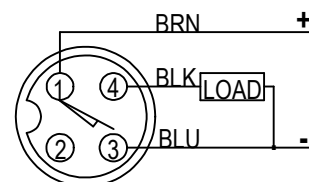
Ambient Conditions

Ambient temperature	-40 - 85 °C (-40 - 185 °F)
Storage temperature	-40 - 85 °C (-40 - 185 °F)

Mechanical Specifications

Connection type Connector plug	M12 x 1, 4-pin
Cable length	255mm
Degree of protection	IP67
Cable material	Weld spatter resistant, robotic quality POC
Cable color	Orange

WIRING DIAGRAM (PNP)



SHORT-CIRCUIT PROTECTED

(DO NOT SCALE DRAWING)

