

## WELKER SMART STOP

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



WELKER SMART STOP

WELKER SMART STOP eliminates:

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

WELKER SMART STOP SHOWN ON POWER SLIDE



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

2x M10X1.5 TAP THRU MODELS ASC021-PD & ASF021-PD

2x DR & C'BORE FOR M10 SHCS MODELS ASC020-PD & ASF020-PD

ASC021-PD CROWN  
ASF021-PD FLAT

ASC020-PD CROWN  
ASF020-PD FLAT

WELKER SMART STOP  
ASC020-PD  
US PAT. 6,274,830

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4 LED'S  
ANTI-VIBRATION DETENT  
EUROFAST M12X1 MALE 4 PIN

Ø4 22mm FIREFAST  
300mm TOTAL LENGTH INCLUDING CONNECTOR

WIRING DIAGRAM (PNP)

SHORT-CIRCUIT PROTECTED

SPECIFICATIONS	
CONTACT CARRIER MATERIAL (RSE)	PUR
MOLDED HEAD MATERIAL/COLOR (RSE)	THERMOPLASTIC PUR/BLACK
CONTACT MATERIAL/PLATING (RSE)	GOLD-PLATED BRASS
COUPLING NUT MATERIAL/PLATING (RSE)	NICKEL-PLATED BRASS
RATED OPERATING DISTANCE	2mm = .079" (NOMINAL)
MOUNTING MODE	FLUSH
HYSTERESIS (DIFFERENTIAL TRAVEL)	3-15%
MAX. RELATIVE TEMPERATURE DRIFT	≤ ±10%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25 to 70°C (-13 to 158°F)
RATED OPERATIONAL VOLTAGE (DC)	10-30 VDC
MAX. RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 150 mA
NO-LOAD CURRENT	≤ 15 mA
MAX. OFF-STATE CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 3 kHz
RATED INSULATION VOLTAGE	0.5 kV
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE/REVERSE POLARITY PROTECT	YES
DEGREE OF PROTECTION	IP 67
HOUSING MATERIAL	SST, V2A 1.4301
ACTIVE FACE	PLASTIC, PA12-GF30
OUTER CABLE JACKET (SENSOR)	3mm PUR
VIBRATION RESISTANCE	55 Hz (1mm)
SHOCK RESISTANCE	30 x g (11 ms)
PIG-TAIL LED COLOR	GREEN=POWER, YELLOW=OUTPUT