SENSOR,dbk+5/3CDD/M18 E+S

URL:https://www.sxplc.com/sensor-dbk-5-3cdd-m18-e-s

Product data sheet

working range 5 mm with weights of 100 - 2,000 g/m2, plastic sheets
and thin metal sheets (Al, Ms, Cu, V2A, PE, PVC, material dependent)
adjustable sensitivity (Teach, potentiometer, cable connection)
separate transmitter and receiver, distance between transmitter and receiver can be selected as desired

ultrasonic-specific

means of measurement pulse operation with amplitude evaluation
blind zone 7 mm in front of transmitter and receiver

electrical data

operating voltage U_B 20 - 30 V d.c., reverse polarity protection
voltage drop ≤ 2 V
current consumption ≤ 50 mA
transmitter connection 1 m PUR cable with M8 connector plug
1 m PUR cable, 4 x 0,14 mm², at the transmitter:

outputs

output 1 (pin 2)
output 2 (pin 4)
delay prior to availability < 300 ms

inputs

description < -U_B+18 V: logic 1; > -U_B+13 V or control input open:
design control input
input 3 control input

housing

transmitter/receiver spacing 30 - 70 mm; optimal: 50 mm ± 3 mm
housing material: plastic foam, epoxy resin with glass
fibre reinforced
weight 160 g
operating temperature -40 °C to +85 °C