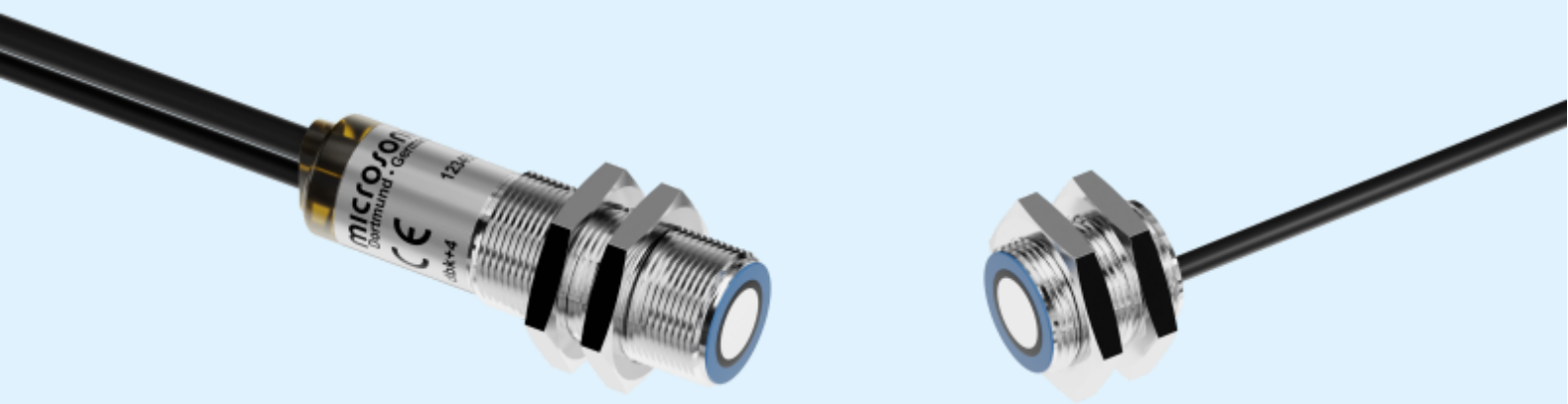




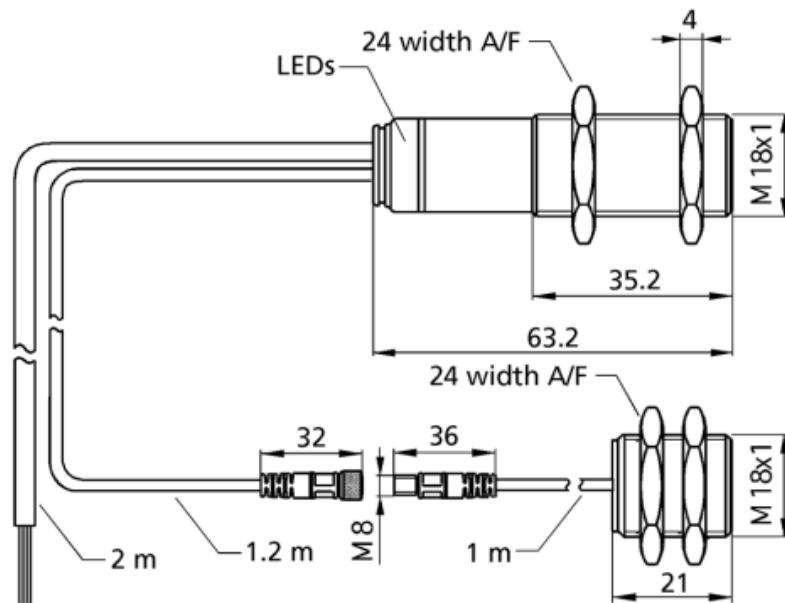
extract from our online catalogue:

esp-4/3BEE/M18 E+S

current to: 2026-09-03

esp-4/3BEE/M18 E+S

scale drawing



2 x npn

design	cylindrical M18
operating mode	label/splice detection
working range	sheeting with weights of < 20 g/m ² up to >> 600 g/m ² , metal-laminated sheets

Ultrasonic-Specific

means of measurement	pulse operation with amplitude evaluation
transducer frequency	400 kHz
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 ripple	± 10 %
no-load current consumption	≤ 50 mA
type of connection	2 m PUR cable, 7 × 0.14 mm ²

outputs

output 1	switching output label/splice detected npn: $I_{\max} = 200 \text{ mA}$ ($-U_B + 2V$) NOC/NCC adjustable, short-circuit-proof
Ausgang 2	switching output web break npn: $I_{\max} = 200 \text{ mA}$ ($-U_B + 2V$) NOC/NCC adjustable, short-circuit-proof
response delay	< 300 μs

Inputs

input 1	control input
Eingang 2	control input
Eingang 3	control input

housing

material	brass sleeve, nickel-plated, plastic parts, PBT, PA
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 65
operating temperature	+5°C to +60°C
storage temperature	-40°C to +85°C
weight	130 g
further versions	single transmitter/receiver

Technical Features/Characteristics

controls	control input
scope for settings	Teach-in via control inputs LCA-2 with LinkControl
indicators	1 x Duo-LED; green: working / red: label/splice detected / flashing red: web break

Accessories

deployable accessory	LCA-2 Koffer
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pin assignment

