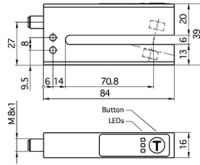


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scale drawing



detection zone



1 x Push-Pull

working range	sheeting with weights of $< 20 \text{ g/m}^2$ up to $\gg 400 \text{ g/m}^2$, metal-laminated sheets and films up to 0.2 mm thick, self-adhesive films, labels on backing material
design	fork-like
operating mode	label/splice detection

ultrasonic -specific

means of measurement	pulse operation with amplitude evaluation
transducer frequency	500 kHz

electrical data

operating voltage U_b	20 - 30 V d.c., reverse polarity protection
Leerlaufstromaufnahme	$\leq 50 \text{ mA}$
type of connection	4-pin M8 initiator plug

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outputs

output 1	Schaltausgang Push-Pull, $U_B-3\text{ V}$, $-U_B+3\text{ V}$, $I_{\text{max}} = 100\text{ mA}$
response time	300 μs up to 2,25 ms, dependent on the material
delay prior to availability	< 300 ms

inputs

input 1	com input
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housing

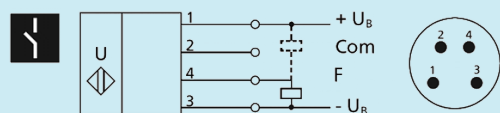
fork width	6 mm
fork depth	67 mm
material	aluminium anodized
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 65
operating temperature	+5°C to +60°C
storage temperature	-40°C to +85°C
weight	90 g

technical features/characteristics

controls	1 push-button
scope for settings	Teach-in via push-button Teach-in via com input on pin 2 LCA-2 with LinkControl
indicators	1 x LED green: working, 1 x LED yellow: label/splice detected, 1 x LED red: web break

documentation (download)

pin assignment



order no.

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