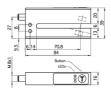
esf-1/CF

scale drawing

detection zone





1 x Push-Pull

working range	sheeting with weights of $<$ 20 g/m 2 up to $>>$ 400 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	≤ 50 mA
type of connection	4-pin M8 initiator plug

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Schaltausgang Push-Pull, Ug-3 V, -Ug+3 V, Imax = 100 mA response time 300 µs up to 2,25 ms, dependent on the material delay prior to availability doi.org/10.100 inputs input 1 com input housing fork width 6 mm fork depth 67 mm auterial aluminium anodized ultrasonic transducer polyurethane foam, epoxy resin with glass contents class of protection to EN 60529 IP 65 operating temperature 45°C to +66°C storage temperature weight 90 g technical features/characteristics controls 1 push-button Teach-in via push-button Teach-in via com input on pin 2 LCA-2 with LinkControl		
Push-Pull, Ug-3 V, -Ug-3 V, Junax = 100 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 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 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 resveb break	outputs	
delay prior to availability < 300 ms inputs input 1 com input 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 +0°C to +85°C weight 90 g technical features/characteristics controls 1 push-button Teach-in via push-button 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 reserved break	output 1	
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input 1 com input 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 Teach-in via push-button Teach-in via com input	delay prior to availability	< 300 ms
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 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 recovered documentation (download)	inputs	
fork width 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 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 received break documentation (download)	input 1	com input
fork depth 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 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 received break documentation (download)	housing	
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 received break documentation (download)	fork width	6 mm
ultrasonic transducer class of protection to EN 60529 poperating temperature +5°C to +60°C storage temperature -40°C to +85°C weight 90 g technical features/characteristics controls 1 push-button 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 received break documentation (download)	fork depth	67 mm
class of protection to EN 60529 operating temperature +5°C to +60°C storage temperature -40°C to +85°C weight 90 g technical features/characteristics controls 1 push-button 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 recovered web break	material	aluminium anodized
storage temperature storage temperature -40°C to +85°C weight 90 g technical features/characteristics controls 1 push-button 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 recovered web break	ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
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 rec web break documentation (download)	class of protection to EN 60529	IP 65
technical features/characteristics controls 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 rec web break documentation (download)	operating temperature	+5°C to +60°C
technical features/characteristics controls 1 push-button 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 received break documentation (download)	storage temperature	-40°C to +85°C
controls 1 push-button 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 received break documentation (download)	weight	90 g
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 rec web break documentation (download)	technical features/characteristics	
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 rec web break documentation (download)	controls	1 push-button
web break documentation (download)	scope for settings	Teach-in via com input on pin 2
	indicators	
	documentation (download)	

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