



FLS03

LABEL DETECTION FORK SENSOR

- 3mm slot width
- integrated amplifier
- robust aluminium housing
- AutoTeach/external-teach or potentiometer
- NPN and PNP - light-on and dark-on
- high resolution



FLS03

GENERAL TECHNICAL DATA

	FLSP03-AP/N	FLST03-AP/N
operating voltage	10...30 VDC, reverse polarity protected	
current consumption	< 40mA	
output	push-pull; PNP/NPN	
output current	100mA	
function indicator	LED green	
max. frequency response	10kHz	
functional principle	continuous light	
switching function	light-on or dark-on	
light type	infrared 880nm	
response time	50µs	
sensitivity adjustment	potentiometer, multiturn	key or external teach-input
housing material	aluminium, black anodized	
operating temperature	-10°C...+60°C	
protection class	IP50	
max. light immunity	3000 lux	
resolution	0.5mm	1mm
reproducibility	0.1mm	
hystereses	<0.4mm	

