



FLS03

LABEL DETECTION FORK SENSOR

- 3mm slot width
- integrated amplifier
- robust aluminium housing
- auto-teach/external-teach or potentiometer
- NPN and PNP - Light-On and Dark-On
- high resolution



FLS03

GENERAL TECHNICAL DATA

	FLS03P-AP/N	FLS03T-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	
light immunity	3000 lux	
resolution	1mm	
reproducibility	0,1mm	
hysteresis	≤ 0,4mm	

