

Reflective Types (Miniature Sizes Without External Amplifier)



TSHW 3112

31 (NPN-NO)

Connection:	2 m PVC cable
Connection type:	cable
Switching frequency:	≤ 1ms
Outlet:	NPN-NO
Design:	31
Specialty:	resolution 0,03 mm
Function:	reflective type
Case material:	plastic
Short protection:	yes, yes
LED outlet + stability:	yes, yes
No-load current:	≤ 20 mA
Light source:	LED red
Switching distance frequency:	paper white 50 x 50 mm
Switching hysteresis:	≤ 20 % [Sn]
Shock / vibration:	- , 30 G
Protection class:	IP 67
Voltage drop:	≤ 1 VDC
Voltage range:	12...24 VDC
Ampacity:	< 50 mA
Tap range:	5...30 mm
Environment temperature:	-25 °C ...+55°C

Further information about this product can be found on our website, please visit:
https://schoenbuch-sensor.de/en/products/tshw-3112_en/