

INFRARED COMMUNICATION SOLUTIONS

Test Nozzle Receiver Specification

The nozzle receiver is an Infrared signal receiver per J2799 standard. Its output is RS 485 signal.

Specification description	Value	Unit	Remarks
Signal input			
Format	J2799 standard		
Sensitivity level	0.57-0.60	A/W	
Bandwidth	870-950	nm	
Power input			
Voltage (typ)	5	V	
Voltage (min)	3.7	V	
Current (typ)	20	mA	
Current (max)	30	mA	
Absolute maximum			
Power voltage in	16	V	
Data voltage in	0 – 5.5	V	
Signal output			
Format	RS485		
Voltage different level	0-6	V	
Form factor	Ring		
Inner diameter	27	mm	
Outer diameter	63	mm	
Height	40	mm	
Weight	170	g	
Housing material	Aluminum		
Operation temperature	-40 to 85 °C		
Ingress protection	IP66		
Certification	None		
Output connector type	Open wire or USB		Open wire: Pwr,red; GND,blk; D+, white; D-, green

Ordering information	
200403	Test Nozzle Receiver –Open wire
200621	Test Nozzle Receiver-USB output

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