

# RM-36B10T-9E28B-R3M12

## Absolute Rotary Encoder - Multiturn

### Industrial Line

#### Technical data

Type	RM-36B10T-9E28B-R3M12
ID	1545928
<b>General data</b>	
Max. rotational speed	3000 rpm
Output type	Absolute multiturn
Resolution singleturn	16 Bit
Resolution multiturn	12 Bit
	single-turn scalable
<b>Electrical data</b>	
Operating voltage $U_s$	10...30 VDC
No-load current	≤ 200 mA
Wire break/reverse polarity protection	yes
Communication protocol	PROFINET
<b>Mechanical data</b>	
<b>Environmental conditions</b>	
Ambient temperature	-40...+80 °C
Protection class shaft	IP67

#### Features

- Protection class IP67 on shaft side
- -40...+80 °C
- Max. 3000 rpm
- PROFINET
- Removable bus cover with male, 3 × M12
- Singleturn, resolution scalable to 16 bit (default 13-bit)
- Multiturn resolution max. 12 bit, scalable