

INCREMENTAL ENCODER MyInc

AINS40 AINS40Z

AINS40/AINS40Z

- Up to 10.000 steps in 2500 cpt
- Applications: micro-robotics, printing...

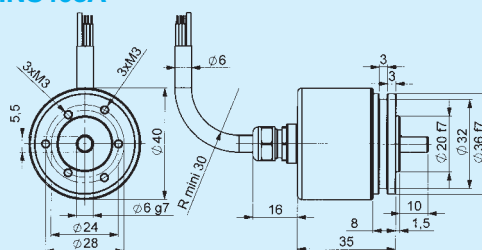


SPECIFICATIONS

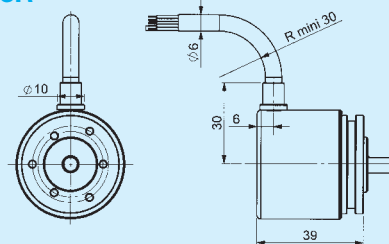
DIMENSIONS

	AINS40	AINS40Z		
• COVER	Aluminium	Zinc alloy	• MAX. SPEED	12 000 min ⁻¹
• BODY	Aluminium	Zinc alloy	• RADIAL SHAFT LOADING	20 N
• SHAFT	Stainless steel	Stainless steel	• AXIAL SHAFT LOADING	10 N
• TORQUE	0,2 Ncm	0,2 Ncm	• INERTIA	10 gcm ²
• WEIGHT	110 g	100 g	• PROTECTION	IP 54

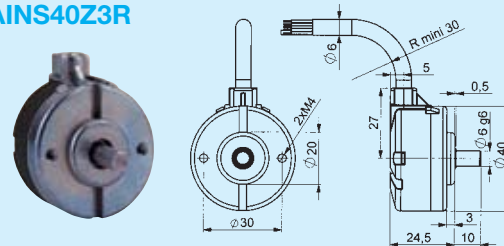
AINS403A



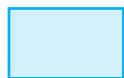
AINS403R



AINS40Z3R



ORDERING CODE



AINS40
AINS40Z



Shaft Ø
06 = 6 mm



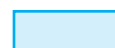
Output circuit
2 = 5 V RS422
5 = 11-30 V Driver
9 = 5-24 V Driver



Output signals
9= A, $\bar{A}$, B, $\bar{B}$, 0, $\bar{0}$
7= A, $\bar{A}$, B, $\bar{B}$
5= A, $\bar{A}$
A= Index gated on A
N= Index ungated



Connection
AINS40 :
3A = shielded cable,
axial output
3R = shielded cable,
radial output
AINS40Z :
3R = shielded cable,
radial output



Resolution
AINS40 : 2500 max
AINS40Z : 1024 max



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