

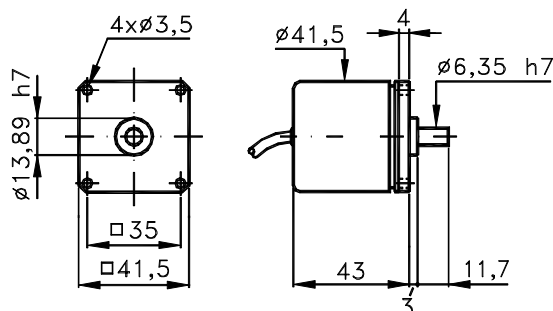
INCREMENTAL
MAGNETIC
ENCODER

M41Q

'SIZE 17' MINIATURE MAGNETIC ENCODER WITH SQUARE FLANGE AND HIGH PROTECTION DEGREE AND IMMUNITY TO OILS, LIQUIDS ETC..
FIT FOR APPLICATIONS AS MARINE, MEDICAL, PRINTING, METAL WORKING.

Family: **M**
page: 02.M41Q 1/2
data sheet . IR 019 E00

Sized draw standard version: CV Measures without tolerance according to UNI ISO 2768-mk



TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

- | | |
|---|---|
| <ul style="list-style-type: none"> - Base.....: ALUMINIUM - Cover.....: ALUMINIUM - Weight.....: 120 g - Shaft.....: Ø 6,35 STAINLESS STEEL - Max.rad/axial load:: 1 kg - IP output side.(°):: see 'CONNECTION' of page 2 - IP shaft side.(°)> std. 64 sealed 66 low torq 53 - opt. type (page 2)> standard Z B - Contin. max RPM(**)> 6000 3000 12000 - Starting torque gcm> 12 30 8 | <ul style="list-style-type: none"> - Ball bearings life....: 1,5 x 10⁹ revolutions - Impact resistance....: 100 G x 6ms - Vibration resistance:: 10 G (55 ÷ 2000 Hz) - Power supply.....: 5÷30V (vedi pag.2) - Operating temperature: -25÷85 °C - Storage temperature... -30÷85 °C - N° of pulses/rev.....: 8 ÷ 2048 (*) - Max consumptions mA:: std 50 line driver 90 (*) - Max frequency.....: 600 kHz |
|---|---|

(°) IP according to CEI EN 60529, EN 60529, IEC 529

(*) multiplicabile x4 by the Customer

(**) intermittent max RPM + 30% of continuous max RP

ELECTRONICS

CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA
K	STANDARD NPN	10	N	DRIVER 26LS31	35						
Q	NPN OPEN COLL	10									
R	NPN OPEN COLL	70	Z	DRIVER ET7272	30						
		70									

(S)	(S)	(S)	(S)
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Tolerance between phases $\pm 45^\circ$, symmetry $\pm 15^\circ$

(S) Clock-wise output rotation (see shaft).



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Possible Options				Possible Connections									
Code	Description	Code	Description	Cable								Output: AX RAD	
Z B H	Sealed ball bear. Low torque ball bear. Different shaft Ø	K	Invert. phase A,B,Zero	CV								AX RAD	
		M	Impregnated electronic	Connector								Output:	
		G	Tropicalization	Cable End Connector								Output:	
				VM VE VD5	TM VK	VL TK	TL VN	VD VH6	VH VM5	VH5 VM9	VI VS	AX RAD	
				Terminal Box								Output:	
Ordering Information													

(2) For further information see ELECTRONIC data sheet
(3) For further information see CONNECTION data sheet

Product manufactured according to UNI EN ISO 9001:2008,
supplied with CHECKING and CONFORMITY
declaration with CE mark and with TWO (2) YEARS
WARRANTY starting from delivery date.

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