



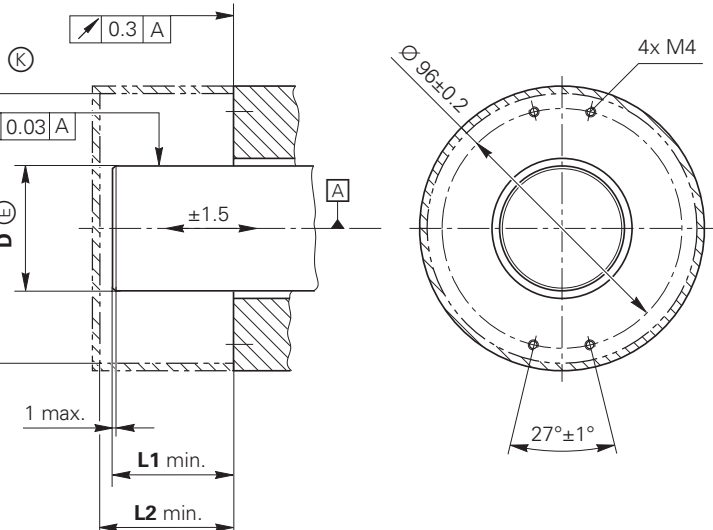
mm
Tolerancing ISO 8015
ISO 2768 - m H
< 6 mm: ± 0.2 mm



EN 60 529

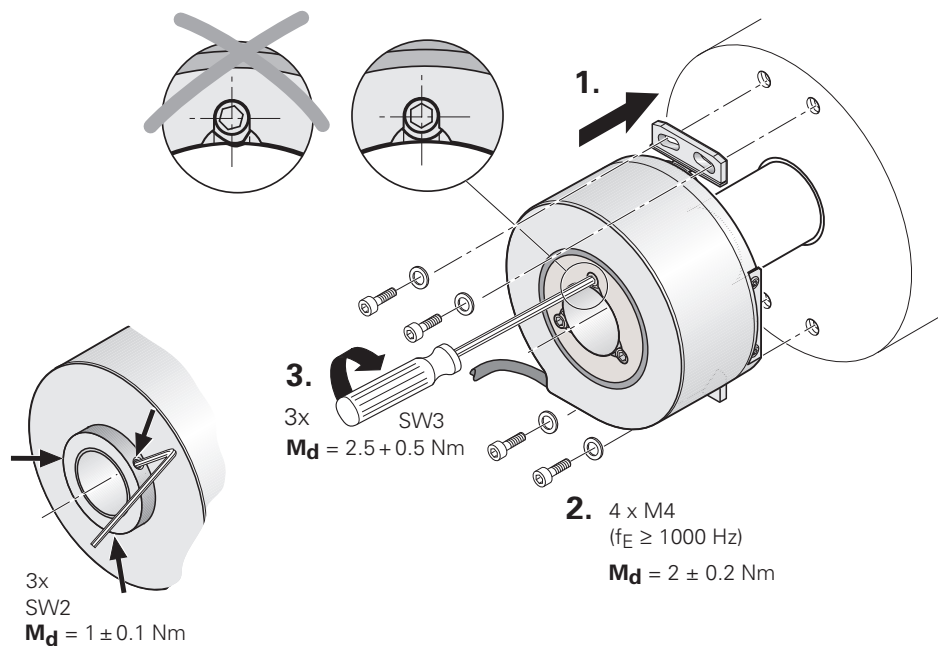
D	L1	L2
Ø 20h7	46	48.5
Ø 25h7	46	48.5
Ø 28h7	46	48.5
Ø 30h7	46	48.5
Ø 38h7	56	58.5
Ø 40h7	56	58.5
Ø 48h7	56	58.5
Ø 50h7	56	58.5

Ø 110 min.



Ⓚ = Kundenseitige Anschlussmaße
Required mating dimensions
Conditions requises pour le montage
Quote per il montaggio
Cotas de montaje requeridas

ⓐ = Lagerung
Bearing
Roulement
Cuscinetto
Rodamiento



HEIDENHAIN

SALES & SERVICE:

A Tech Authority, Inc.

13745 Stockton Ave.

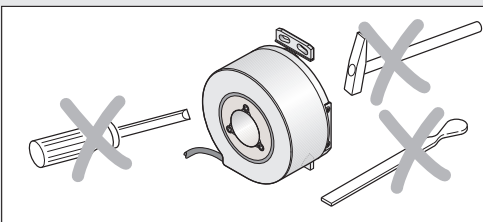
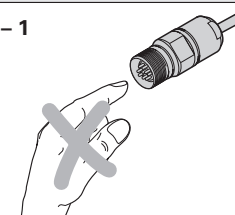
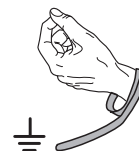
Chino CA 91710

909-614-4522

sales@atechauthority.com



DIN EN 100 015 - 1
CECC 00015 - 1



ERN 180

4/2003

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Ve 00

385 514-91 · 12 · 5/2007 · E · Printed in Germany · Änderungen vorbehalten

Subject to change without notice · Sous réserve de modifications · Con riserva di modifiche · Sujeto a modificaciones

ERN 180



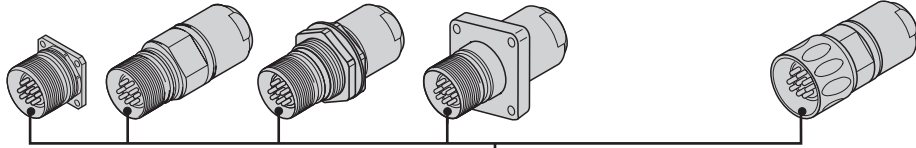
27S12-03

03S12-03

80S12-03

35S12-03

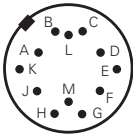
02S12-03



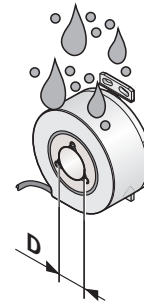
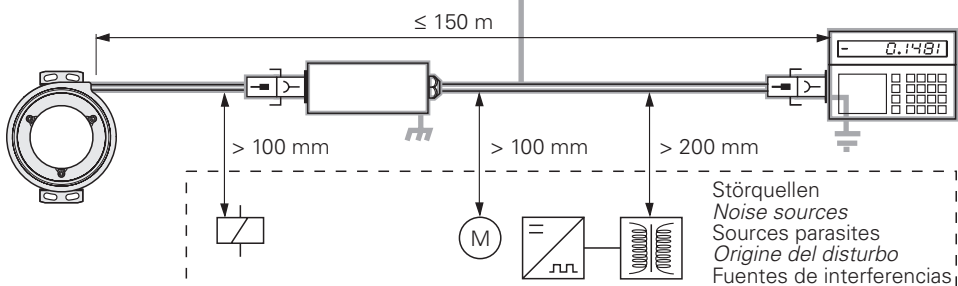
5	6	8	1	3	4	Schirm Shield Blindage Scherma Blindaje	12	10	2	11
A		B		R			5 V U _P	0 V U _N	5 V sensor	0 V sensor
+	−	+	−	+	−					
braun brown brun marrone marrón	grün green vert verde	grau gray gris grigio gris	rosa pink rose rosa rosa	rot red rouge rosso rojo	schwarz black noir nero negro		braun/grün brown/green brun/vert marrone/verde marrón/verde	weiß/grün white/green blanc/vert bianco/verde blanco/verde	blau blue bleu azzurro azul	weiß white blanc bianco blanco



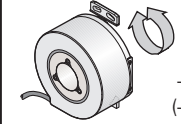
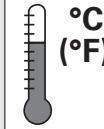
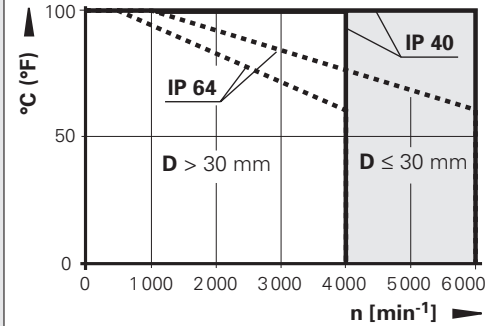
28S12-2Z



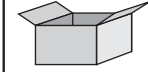
E	F	H	A	C	D	Schirm Shield Blindage Scherma Blindaje	M	K	B	L
A		B		R			5 V U _P	0 V U _N	5 V sensor	0 V sensor
+	−	+	−	+	−					
braun brown brun marrone marrón	grün green vert verde	grau gray gris grigio gris	rosa pink rose rosa rosa	rot red rouge rosso rojo	schwarz black noir nero negro		braun/grün brown/green brun/vert marrone/verde marrón/verde	weiß/grün white/green blanc/vert bianco/verde blanco/verde	blau blue bleu azzurro azul	weiß white blanc bianco blanco



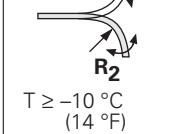
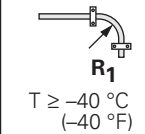
IP xx
EN 60 529



-40 ... 100 °C
(-40 ... 212 °F)



-30 ... 80 °C
(-22 ... 176 °F)



Ø 6 mm

R₁ ≥ 20 mm

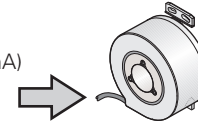
R₂ ≥ 75 mm



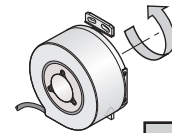
R₁ ≥ 40 mm

R₂ ≥ 100 mm

U_P = 5V ± 10 %
(max. 150 mA)



EN 50 178/4.98; 5.2.9.5
IEC 364-4-41: 1992; 411(PELV/SELV)
(siehe, see, voir, vedi, véase
HEIDENHAIN D 231 929)



A, B, R

