



## Montageanleitung inkrementale Drehgeber, HTI36E

Assembly instructions for encoder HTI36E; Instrucciones de montaje encoder HTI36E;  
istruzioni di montaggio encoder HTI36E; Instrucciones de montaje codificador HTI36E.


Tel.: +49 89 460 94-0  
Fax.: +49 89 460 94-201



HTI36E (**Stecker**, connector, connecteur, conector, spina): -40 °C ... +85 °C  
(-40 °F ... +185 °F)



HTI36E (**Kabel**, cable, Câble, Cable, cavo): -20 °C ... +80 °C (-4 °F ... +176 °F)




-30 °C ... +80 °C  
(-22 °F ... +176 °F)

**Montage nur qualifiziertes Personal**, Assembly only qualified personnel, Montage par qualifié personnel, Montaggio solo personale qualificato, Montaje solamente personal cualificado.

**Sicherheitsmassnahmen/Safety instructions:** Einsatz nur in Industrieumgebung und NICHT im sicherheitsrelevanten Bereich. Only for use in industrial environments and NOT for safety-relevant areas. Utilisation uniquement dans un environnement industriel et PAS dans un domaine lié à la sécurité. Utilicelo sólo en entornos industriales y NO en áreas relevantes para la seguridad. Utilizzare solo in ambienti industriali e NON in aree riguardanti la sicurezza.

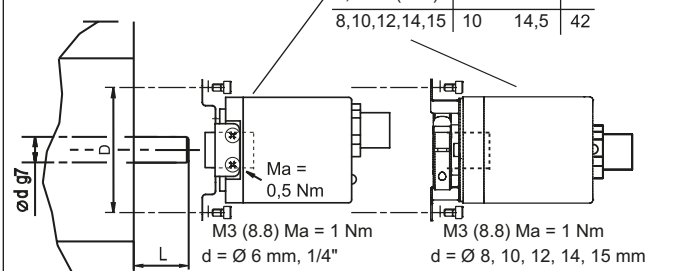
**Power supply:**  
Class 2/LPS only



DIN EN 100015-1

HTI36E H

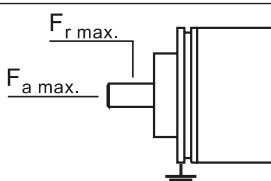
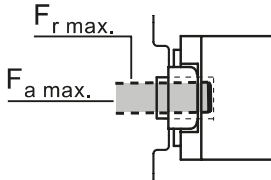
d/mm	Lmin.	Lmax.	D
6, 6.35 (1/4")	8	17	42
8, 10, 12, 14, 15	10	14,5	42



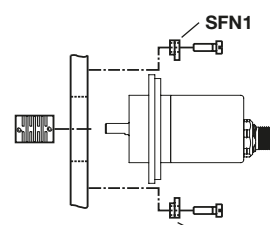
Ma = 0,5 Nm  
M3 (8.8) Ma = 1 Nm  
d = Ø 6 mm, 1/4"

M3 (8.8) Ma = 1 Nm  
d = Ø 8, 10, 12, 14, 15 mm

Standard	F <sub>r</sub> max.	F <sub>a</sub> max.
HTI36E Ø 6 mm Ø 8 mm	80 N 50 N	50 N 50 N

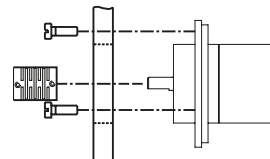
HTI36E S






SFN1

M3 (8.8)  
Ma = 1 Nm  
M4 (8.8)  
Ma = 2 Nm

HTI36E S

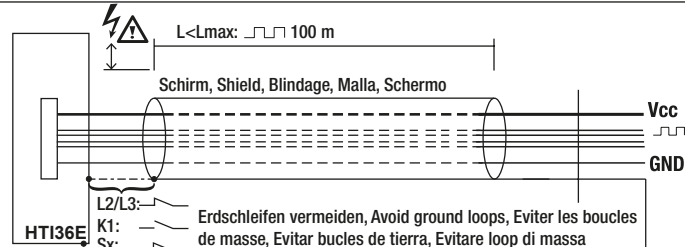


M3 (8.8)  
Ma = 1 Nm  
M4 (8.8)  
Ma = 2 Nm

	5-pin	8-pin	12-pin
<b>Steckerpin</b> , Plug pin, Connecteur points, Spinotto, Pin conector			
Schaltung, Circuit, Connexion, Circuito	BZ TTL BZ HTL	BZ N TTI BZ N HTL	BZ N TTI P BZ N HTL P
GND	3	1	3
VSUP	1	2	1
A	4	3	4
B	2	4	6
Z	5	5	8
SET	-	-	5
A/	-	6	9
B/	-	7	7
Z/	-	8	10
n/c	-	-	2, 11, 12

Kabel, cable, Câble, Cable, cavo	HTI36E Option PG(R) BZ			
Schaltung, Circuit, Connexion, Circuito	TTL HTL	TTL P HTL P	N TTL N HTL	N TTL P N HTL P
VSUP	BN	BN	BN	BN
GND	WH	WH	WH	WH
A	GN	GN	GN	GN
B	YE	YE	YE	YE
Z	GY	GY	GY	GY
SET	-	PK	-	PK
A/	-	-	RD	RD
B/	-	-	BK	BK
Z/	-	-	VT	VT
Schirm, Shield, Ecran, Pantalla, Schermo	Litze	Litze	Litze	Litze

**WH:** weiss, white, blanc, blanco, bianco  
**BN:** braun, brown, brun, marrón, marrone  
**GN:** grün, green, vert, verde, verde  
**YE:** gelb, yellow, jaune, amarillo, giallo  
**GY:** grau, grey, gris, gris, grigio  
**PK:** rosa, pink, rose, rosa, rosa  
**RD:** rot, red, rouge, rojo, rosso  
**BK:** schwarz, black, noir, negro, nero  
**BU:** blau, blue, bleu, azul, blu  
**VT:** violett, violet, violet, violeta, violetto  
**Litze:** Litze, Flex, Toron, Cordon, Cavetto



L < Lmax: 100 m

Schirm, Shield, Blindage, Malla, Schermo

Vcc  
GND

L2/L3:  
K1:  
Sx:

Erdschleifen vermeiden, Avoid ground loops, Eviter les boucles de masse, Evitar bucles de tierra, Evitare loop di massa