

Montageanleitung inkrementale Drehgeber, WDGn

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

Wachendorff Automation GmbH & Co. KG

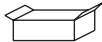
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	WDGN (Stecker, connector, connecteur, connectore, conector, spina): -40 °C ... +85 °C (-40 °F ... +185 °F) WDGN (Kabel, cable, Câble, Cable, cavo): -20 °C ... +80 °C (-4 °F ... +176 °F)	 -30 °C...+80 °C (-22 °F...+176 °F)
 Montage nur qualifiziertes Personal, Assembly only qualified personnel, Montaje pair 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 		

WDGN36C
WDGN36K
WDGN58B

M3 (8.8)
Ma = 1 Nm

M4 (8.8)
Ma = 2 Nm

WDGN36A
WDGN36J
WDGN58A
WDGN58B



M3 (8.8)
 $M_a = 1 \text{ Nm}$

M4 (8.8)
 $M_a = 2 \text{ Nm}$

WDGN36A		M3 (8.8)
WDGN36C		$M_a = 1 \text{ Nm}$
WDGN36J		
WDGN36K		M4 (8.8)
WDGN58A		$M_a = 2 \text{ Nm}$
WDGN58B		

WDGN36S

The diagram illustrates a shielded cable assembly. At the top left, a lightning bolt symbol indicates a high-voltage source. A dimension line shows the cable length $L < L_{max}$ with a sawtooth waveform and the value 100 m. The cable is labeled "Schirm, Shield, Blindage, Malla, Schermo". The cable has multiple signal lines and a shield. The shield is connected to a "WDGN" (Wideband Grounding Network) at the input end. The signal lines are connected to "VCC" and "GND" at the output end. A legend at the bottom right lists: "L2/L3:", "K1:", and "Sx:", followed by the text "Erdschleifen vermeiden, Avoid ground loops, Eviter les boucles de masse, Evitar bucles de tierra, Evitare loop di massa".

Kabel ø, cable, Câble, Cable, cavo	 R1	 R2	Temperatur, Temperature, Température, Temperatura
	41.5 mm	124.5 mm	

Standard	F_r max.	F_a max.
WDGN36E	80 N	50 N
WDGN36J	300 N	300 N
WDGN36A		
Ø 6 mm, 1/4"	80 N	50 N
Ø 8 mm	50 N	50 N
WDGN36C/K/S	80 N	50 N
WDGN58A		
Ø 6 mm	125 N	120 N
Ø 10 mm	220 N	120 N
WDGN58B		
Ø 6 mm	125 N	120 N
Ø 8 mm	125 N	120 N
Ø 9.525 mm	220 N	120 N
Ø 10 mm	220 N	120 N
WDGN58E	80 N	50 N

WDGN36E Artikelnr., Item number, Numéro d'article, Número de artículo :		d/mm	Lmin.	Lmax.	D
WDGDS10016	WDGN36E	6, 6.35 (1/4")	8	17	42
WDGDS10030	WDGN36E	8, 10, 12, 14, 15	10	14,5	42

WDGN58E **Article** **Inr.**, Item number, Numéro d'article, Número de artículo :
WDGDS10001

d/mm	Lmin	Lmax	D
6, 8, 10, 12, 14, 15	11	15	56

	Kabel, cable, Câble, Cable, cavo		Steckerpin, Plug pin, Connecteur points, Spinotto, Pin connector	
	K1, L2, L3		SB8/SC8	SB12/SC12
				
Schaltung, Circuit, Connexion, Circuito	BAS	ADV	BAS	ADV
+UB	BN	BN	1	3
GND	WH	WH	2	1
A	GN	GN	3	4
B	YE	YE	4	6
N	GY	GY	5	8
CH4	-	GYPK	-	11
SET	-	PK	-	5
A inv.	RD	RD	6	9
B inv.	BK	BK	7	7
N inv.	VT	VT	8	10
CH4 inv.	-	RDBU	-	12
Schirm, Shield, Ecran, Pantalla, Schermo	Schirm	Schirm	-	-

App WDGN
Bedienungsanleitung App, Manual App

<https://www.wachendorff-automation.com/apps/>

