

Montageanleitung Absolutgeber WDGA EnDra® SSI,

Assembly instructions for WDGA EnDra® SSI absolute encoder, Instructions de montage, capteur angulaire WDGA EnDra® SSI, Istruzioni per l'uso trasduttore assoluto WDGA EnDra® SSI, Instrucciones de montaje codificador absoluto WDGA EnDra® SSI.

| | | WDGA 58V: | |
|--|--|--|---|
| | | -40 °C ... +85 °C (-40 °F ... +185 °F) | -20 °C ... +80 °C (-4 °F ... 176 °F) |
| | | -40 °C ... +100 °C (-40 °F ... +212 °F) | -20 °C ... +80 °C (-4 °F ... 176 °F) |

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

Power supply: Class 2/LPS only

DIN EN 100015-1

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. Utilízelo sólo en entornos industriales y NO en áreas relevantes para la seguridad. Utilizzare solo in ambienti industriali e NON in aree riguardanti la sicurezza.

| | | |
|---------|--|-----------|
| WDGA36C | | M3 (8.8) |
| WDGA58B | | Ma = 1 Nm |
| WDGA58D | | M4 (8.8) |
| WDGA58S | | Ma = 2 Nm |
| WDGA58V | | |

| | | | | |
|---------|--|---------|----------|-----------|
| WDGA58A | | SP300 | M3 (8.8) | Ma = 1 Nm |
| WDGA58B | | | | |
| WDGA58D | | WDGA36S | M4 (8.8) | Ma = 2 Nm |
| WDGA58S | | | | |
| WDGA36A | | | | |
| WDGA36J | | | | |

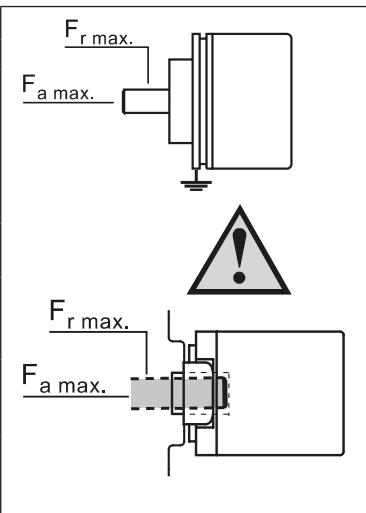
Mutter, screw, écrou, tuerca, dado: M20x1.5 = 8 Nm

| | | | |
|---------|---------|--|-----------|
| WDGA36A | WDGA58A | | M3 (8.8) |
| WDGA36C | WDGA58B | | Ma = 1 Nm |
| WDGA36J | WDGA58D | | M4 (8.8) |
| | WDGA58S | | Ma = 2 Nm |
| | WDGA58V | | |

| max. Kabellänge* max. cable length Longueur max du Câble Lunghezza massima Cable Longitud máx. de cable | Übertragungsrate Transmission rate Taux de transfert Velocità di trasferimento Velocidad de transmisión |
|---|---|
| 20 m ** | ≤ 500 kHz |
| * 5 VDC max. 2 m | |
| ** >20 m auf Anfrage, on request, sur demande, su richiesta, a solicitud | |

| Ausgangsschaltung Output Circuit, Couplage de sortie, Circuito d'uscita, Circuito de salida | Eingangsschaltung, Input Circuit, Couplage d'entrée, circuito d'ingresso, Circuito de entrada |
|---|---|
| RS485 | Einschaltzeit, System start-up Time, Temps de commutation, Tempo di commutazione, tiempo de conmutación: <1,5 s |
| | Positive Zählrichtung: (Blick auf Welle) Complement = nc ⇔ cw Complement = +Ub ⇔ ccw Preset = +Ub für 2 s |

| Standard | F _r max. | F _a max. |
|--------------|---------------------|---------------------|
| WDGA36J | 300 N | 300 N |
| WDGA58A | | |
| WDGA58B | | |
| ∅ 6 mm | 125 N | 120 N |
| ∅ 8 mm | 125 N | 120 N |
| ∅ 3/8" | 220 N | 120 N |
| ∅ 10 mm | 220 N | 120 N |
| WDGA58D | | |
| ∅ 12 mm | 500 N | 500 N |
| WDGA58S | | |
| WDGA58V | | |
| ∅ 10 mm | 100 N | 100 N |
| WDGA36A | | |
| ∅ 6 mm, 1/4" | 80 N | 50 N |
| ∅ 8 mm | 50 N | 50 N |
| WDGA36C/E/S | 80 N | 50 N |
| WDGA50V | 30 N | 45 N |
| WDGA58E | 80 N | 50 N |



| Artikelnr., Item number, Numéro d'article, Número de artículo : | d/mm | Lmin. | Lmax. | D | | |
|---|------------|----------|-----------------|----|------|----|
| WDGA 36E | WDGDS10016 | WDGA 36E | ∅ 6 mm, | 8 | 17 | 42 |
| | | | ∅ 6.35 mm(1/4") | | | |
| | WDGDS10030 | WDGA 36E | 8,10,12,14,15 | 10 | 14,5 | 42 |

d = ∅ 6 mm, 1/4" M3 (8.8) d = ∅ 8, 10, 12, 14, 15 mm
Ma = 1 Nm

| Artikelnr., Item number, Numéro d'article, Número de artículo : | d/mm | Lmin | Lmax | D |
|---|--|------|------|----|
| WDGA58E | WDGDS10001 | | | |
| | 6, 6.35 (1/4"), 7, 8, 9.525 (3/8"), 10, 12, 14, 15 | 11 | 15 | 56 |

* Ma=3Nm

| | Stecker, connector, Fiche, Conector, spina | | | Kabel, cable, Câble, Cable, cavo | |
|--|---|---|---|--|-----------|
| | CB8/CC8 (M12, 8-pin) | C5 (M23 12-pin) | CH8 (M16 8-pin) | K1/K6 L2/L3 | L3 58V |
| GND | 1 | 12 | 2 | wh | og |
| Plus U+ | 2 | 11 | 1 | bn | bn |
| SSI CLK+ | 3 | 2 | 6 | gn | gn |
| SSI CLK- | 4 | 1 | 5 | ye | ye |
| SSI DATA+ | 5 | 3 | 4 | gy | gy |
| SSI DATA- | 6 | 4 | 3 | pk | pk |
| PRESET | 7 | 9 | 8 | bu | bu |
| DIR | 8 | 8 | 7 | rd | rd |
| Schirm Shield Ecran Pantalla Schermo | Gehäuse housing boîte carcasa contenitore | Gehäuse housing boîte carcasa contenitore | Gehäuse housing boîte carcasa contenitore | K1,K6: offen, open, ouvert, aperto, abierto L2/L3: Gehäuse, housing, boîte, carcasa, contenitore | |

| Kabel ∅, cable, Câble, Cable, cavo | R1 | R2 | Temperatur, Temperature, Température, Temperatura |
|------------------------------------|---------|----------|--|
| ≤ 7 mm | 66.4 mm | 186.9 mm | T > -40 °C (-40 °F) |
| > 7 mm | 41.5 mm | 124.5 mm | T > -20 °C (-4 °F) |