

Kabel- und Steckerbelegung / Cable and connector pin assignment

RGM2G ... 17P & SGM2G... 17P

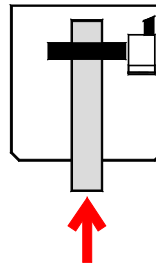
Kabelbelegung / Cable assignment Type P

Der Aussenmantel ist **SCHWARZ** / The outer sheath is **BLACK**.

| | | |
|-----------------------|------------------|------------|
| ■ Signal A + | Grau / grey | Pin 1 |
| ■ Signal A - | Orange / orange | Pin 2 |
| ■ Signal B + | Braun / brown | Pin 11 |
| ■ Signal B - | Grün / green | Pin 12 |
| ■ Signal Ref + | Rot / red | Pin 3 |
| ■ Signal Ref - | Schwarz / black | Pin 13 |
| ■ UB = 5VDC | Violett / violet | Pin 10 |
| ■ GND (0V) | Gelb / yellow | Pin 7 & 15 |
| ■ RS_5V | Blau / blue | Pin 16 |

SIZAG2- & SIMAG H2- Ersatz/replacement

Blick von vorne auf die Spindel
View from the front of the spindle



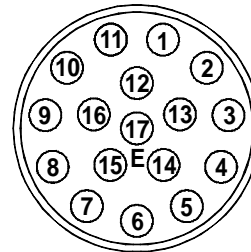
Kabelbelegung / Cable assignment Type T

Der Aussenmantel ist **GRÜN** / The outer sheath is **GREEN**.

| | | |
|-----------------------|-----------------|------------|
| ■ Signal A + | Rosa / pink | Pin 1 |
| ■ Signal A - | Schwarz / black | Pin 2 |
| ■ Signal B + | Weiss / white | Pin 11 |
| ■ Signal B - | Braun / brown | Pin 12 |
| ■ Signal Ref + | Grau / grey | Pin 3 |
| ■ Signal Ref - | Gelb / yellow | Pin 13 |
| ■ UB = 5VDC | Rot / red | Pin 10 |
| ■ GND (0V) | Blau / blue | Pin 7 & 15 |
| ■ RS_5V | Grün / green | Pin 16 |

Kabelbelegung Temperaturkabel / Temp. Cable assignment

| T8 | T2 | |
|-----------------|---------------|--------|
| ■ Blau / blue | NC | Pin 4 |
| ■ Grün / green | NC | Pin 4 |
| ■ Gelb / yellow | NC | Pin 5 |
| ■ Rosa / pink | NC | Pin 5 |
| ■ Grau / grey | NC | Pin 6 |
| ■ Braun / brown | Braun / brown | Pin 8 |
| ■ Weiss / white | Weiss / white | Pin 9 |
| ■ Rot / red | NC | Pin 14 |



Kabel- und Steckerbelegung / Cable and connector pin assignment RGM2G ... 17S & SGM2G... 17S

Kabelbelegung / Cable assignment Type P

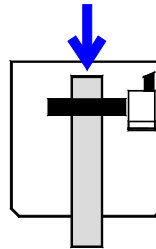
Der Aussenmantel ist **SCHWARZ** / The outer sheath is **BLACK**.

| | | |
|-----------------------|------------------|------------|
| ■ Signal A + | Braun / brown | Pin 1 |
| ■ Signal A - | Grün / green | Pin 2 |
| ■ Signal B + | Grau / grey | Pin 11 |
| ■ Signal B - | Orange / orange | Pin 12 |
| ■ Signal Ref + | Rot / red | Pin 3 |
| ■ Signal Ref - | Schwarz / black | Pin 13 |
| ■ UB = 5VDC | Violett / violet | Pin 10 |
| ■ GND (0V) | Gelb / yellow | Pin 7 & 15 |
| ■ RS_5V | Blau / blue | Pin 16 |

"Blick von oben auf den Geber" zur Bestimmung der Signalfolge A&B
ist auch typisch für Geber von Heidenhain, L&B u.a.

VS-Sensorik-Standard *

Blick von oben auf den Geber
View from above on the encoder



Kabelbelegung / Cable assignment Type T

Der Aussenmantel ist **GRÜN** / The outer sheath is **GREEN**.

| | | |
|-----------------------|-----------------|------------|
| ■ Signal A + | Weiss / white | Pin 1 |
| ■ Signal A - | Braun / brown | Pin 2 |
| ■ Signal B + | Rosa / pink | Pin 11 |
| ■ Signal B - | Schwarz / black | Pin 12 |
| ■ Signal Ref + | Grau / grey | Pin 3 |
| ■ Signal Ref - | Gelb / yellow | Pin 13 |
| ■ UB = 5VDC | Rot / red | Pin 10 |
| ■ GND (0V) | Blau / blue | Pin 7 & 15 |
| ■ RS_5V | Grün / green | Pin 16 |

"View from above on the encoder" to determine the sequence of signals A&B
is also typical of encoders from Heidenhain, L&B et al.

Kabelbelegung Temperaturkabel / Temp. Cable assignment

| T8 | T2 | |
|-----------------|---------------|--------|
| ■ Blau / blue | NC | Pin 4 |
| ■ Grün / green | NC | Pin 4 |
| ■ Gelb / yellow | NC | Pin 5 |
| ■ Rosa / pink | NC | Pin 5 |
| ■ Grau / grey | NC | Pin 6 |
| ■ Braun / brown | Braun / brown | Pin 8 |
| ■ Weiss / white | Weiss / white | Pin 9 |
| ■ Rot / red | NC | Pin 14 |

