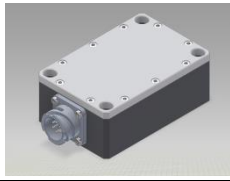



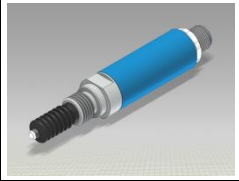
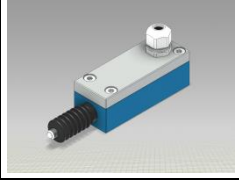
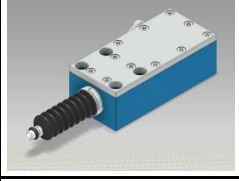

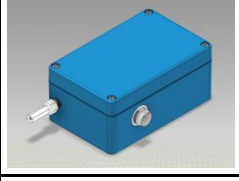
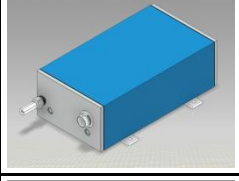
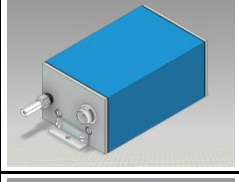
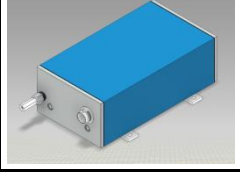
Variantenübersicht absolut messende Winkelsensoren

| Bauform | Geräteserie | Messbereich bis zu | Auflösung | Linearität | Redundant | Signal | | | | |
|---------|-------------|--------------------|-----------|------------|--------------------------------|------------------|---------------------------------|--------------------------------------|-----------------------|-------------|
| | | | | | | Potentiometrisch | Analog (0-10 V / (0)4-20 mA) | CANopen (CIA DS 404 / CIA DS 406) | SSI (binär / gray) | Inkremental |
| | WG36 | 345° | ∞ | ±0,1% | | X | X | | | |
| | STM36 | 360° | 0,088° | ±0,1% | X | | X | X | X | |
| | MTB36 | 2 ³² U | 0,088° | ±1,4° | | | X | X | X | |
| | WG88 | 334° | ∞ | ±0,2% | | X | | | | |
| | STM88 | 360° | 0,088° | ±0,1% | X | | X | X | X | |
| | MTB88 | 2 ³² U | 0,088° | ±1,4° | auf Anfrage | | X | X | X | |
| | IWG | 350° | ∞ | ±0,2% | | X | X | | | |
| | STM80 | 360° | 0,088° | ±0,1% | X | | X | X | X | |
| | GP90 | 108 U | ∞ | ±0,075% | X | X | X | | | |
| | XTB90 | 2 ³² U | 0,088° | ±1,4° | X | | X | X | X | |
| | XTN90 | 8930 U | 0,088° | ±1,4° | X | | X | X | X | |
| | GP95 | 625 U | ∞ | ±0,075% | | X | X | | | |
| | XTB95 | 2 ³² U | 0,088° | ±1,4° | X | | X | X | X | |
| | XTN95 | 12208 U | 0,088° | ±1,4° | X | | X | X | X | |
| | GP100 | 145 U | ∞ | ±0,075% | X | X | X | | | |
| | XTB100 | 2 ³² U | 0,088° | ±1,4° | X | | X | X | X | |
| | XTN100 | 12208 U | 0,088° | ±1,4° | X | | X | X | X | |
| | WIPA | 146 U | ∞ | ±0,075% | X analog und inkremental | X | | | | X |

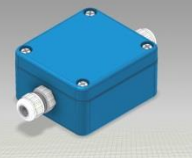
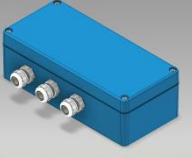
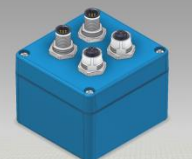
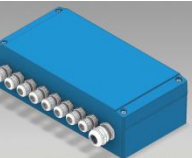
Variantenübersicht absolut messende Neigungssensoren

| Bauform | Geräteserie | Messbereich bis zu | Auflösung | Linearität | Redundant | Signal | | | | |
|---|-------------|--------------------|-----------|------------|-----------|------------------|---------------------------------|--|-----------------------|-------------|
| | | | | | | Potentiometrisch | Analog (0-10 V / (0)4-20 mA) | CANopen (CIA DS 410 CIA DS 404 / CIA DS 406) | SSI (binär / gray) | Inkremental |
|  | TSX-S | ±180° | 0,0075° | ±0,025° | X | | X | X | X | |
|  | TSX-M | ±180° | 0,0075° | ±0,025° | X | | X | X | X | |

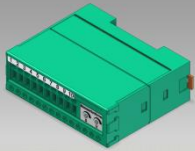
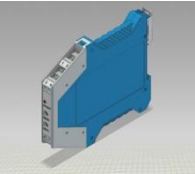
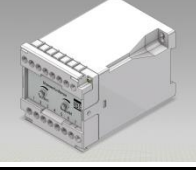
Variantenübersicht absolut messende Wegsensoren

| Bauform | Geräteserie | Messbereich max. | Auflösung | Linearität | Redundant | Signal | | | | |
|---|-------------|------------------|-----------|------------------------|----------------|------------------|-------------------------------------|--------------------------------------|-----------------------|-------------|
| | | | | | | Potentiometrisch | Analog (0 – 10 V / (0)4 – 20 mA) | CANopen (CIA DS 404 / CIA DS 406) | SSI (binär / gray) | Inkremental |
|  | PMW | 25 mm | ∞ | ±0,05 mm (±0,02 mm) | | X | X | | | |
|  | WTM | 50 mm | ∞ | ±0,1 mm | | X | X | | | |
|  | LG | 50 mm | ∞ | ±0,1 mm | | X | X | | | |
|  | SGU | 2500 mm | ∞ | ±2 mm | auf Anfrage | X | | | | |
| | | | 0,6 mm | ±2 mm | auf Anfrage | | X | X | X | |
|  | SG | 1500 mm | ∞ | ±0,75 mm | | X | X | | | |
| | | | 0,36 mm | ±0,75 mm | auf Anfrage | | X | X | X | |
|  | SGG | 5000 mm | ∞ | ±2,5 mm | | X | X | | | |
| | | | 1,22 mm | ±2,5 mm | auf Anfrage | | X | X | X | |
|  | SGKI | 1500 mm | 0,1 mm | --- | | | | | | X |
|  | SGIG | 5000 mm | 0,1 mm | --- | | | | | | X |



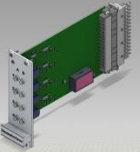
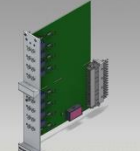
Variantenübersicht Messwertumformer im Aluminium-Gehäuse

| Bauform | Geräteserie | Linearität | Versorgung | Kanäle | Eingang | | | Ausgang | | |
|---|-------------|-------------|---------------------------------|--------|------------------|----------|-------|---|--------------------------------------|-----------------------|
| | | | | | Potentiometrisch | Spannung | Strom | Analog (±10 V) (0 – 10 V / 0)4 – 20 mA) | CANopen (CIA DS 404 / CIA DS 406) | SSI (binär / gray) |
|  | MU400 | 0,01 % v.E. | 24 V DC | 1 | X | X | X | X | | |
|  | MU840 | 0,01 % v.E. | 24 V DC 115 V AC 230 V AC | 1 | X | | | X | | |
|  | MU502 | 0,01 % v.E. | 24 V DC | 2 | X | | | X | | |
|  | MU8x8 | 0,01 % v.E. | 24 V DC | 8 | X | | | X | | |

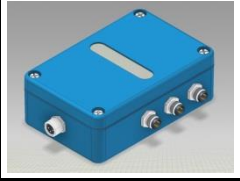
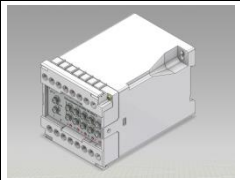
Variantenübersicht Messwertumformer für Hutschiene

| Bauform | Geräteserie | Linearität | Versorgung | Kanäle | Eingang | | | Ausgang | | |
|--|----------------|-------------|---------------------------------|--------|------------------|----------|-------|---|--------------------------------------|-----------------------|
| | | | | | Potentiometrisch | Spannung | Strom | Analog (±10 V) (0 – 10 V / 0)4 – 20 mA) | CANopen (CIA DS 404 / CIA DS 406) | SSI (binär / gray) |
|  | MU700 MU900 | 0,01 % v.E. | 24 V DC | 1 | X | X | X | X | | |
|  | MU750 MU950 | 0,01 % v.E. | 24 V DC | 1 | X | X | X | X | | |
|  | MU840 | 0,01 % v.E. | 24 V DC 115 V AC 230 V AC | 1 | X | | | X | | |

Variantenübersicht Messwertumformer Sonderbauformen

| Bauform | Geräteserie | Linearität | Versorgung | Kanäle | Eingang | | | Ausgang | | |
|---|---|-------------|------------|--------|------------------|----------|-------|---|--------------------------------------|-----------------------|
| | | | | | Potentiometrisch | Spannung | Strom | Analog (±10 V) (0 – 10 V / 0/4 – 20 mA) | CANopen (CIA DS 404 / CIA DS 406) | SSI (binär / gray) |
|  | MWU Stecker nach DIN 43650 | 0,01 % v.E. | 24 V DC | 1 | X | | | X | | |
|  | MUWG ohne Gehäuse | 0,01 % v.E. | 24 V DC | 1 | X | X | X | X | | |
|  | MU871 Europakarte 3 HE | 0,01 % v.E. | 24 V DC | 4 | X | | | X | | |
|  | MU881 Europakarte 6 HE | 0,01 % v.E. | 24 V DC | 8 | X | | | X | | |

Variantenübersicht Schwellwertschalter

| Bauform | Geräteserie | Versorgung | Kanäle | Schaltpunkte pro Kanal | Eingang |
|---|--------------|------------|--------|------------------------|---------------|
|  | FK3 | 24 V DC | 1 | 3 | Potentiometer |
|  | MUSW5 | 24 V DC | 5 | 2 | Potentiometer |