| ▲ TAG | description | application | measuring value | range / signal | manufacturer | type | Ferrum part no. | remarks |
|---|---|---|---|---|---|---|---|---|
| FI 15.10 | display | oil flow bearing front | fill level | sight glass / visually | Ganter Griff | GN 541-30-G11/4-A | 812323 | |
| FI 15.11 | display | oil flow bearing rear | fill level | sight glass / visually | Ganter Griff | GN 541-30-G11/4-A | 812323 | |
| G 10.01 | safety door limit switch | monitoring door | position | N/C contact | Schmersal | BNS 300-01ZG | 343243 | |
| LI 15.04 L | display | | fill level | sight glass / visually | Ganter Griff | GN 541-30-G11/4-A | 812323 | |
| LI 15.05 H | display | | fill level | sight glass / visually | Ganter Griff | GN 541-30-G11/4-A | 812323 | |
| P 15.01 | pressure transmitter | display oil pressure | pressure | 0-160 bar / 4-20mA | Endress+Hauser | Cerabar PMP21 | 811367 | |
| PI 15.01 | display | display oil pressure | oil pressure | 0-160bar / visually | Hydropa GmbH & Cie. KG | TKF-2020/0-160/DR | 813483 | |
| PO 15.12 | display | clogging indicator | pressure | 0-2 bar / visually | Argo-Hytos | DG200-10 | 372991 | |
| S 05.05 | inductive sensor | speed sensor drive shaft | impulses / rotation | N/C contact | Pepperl+Fuchs | NCN4-12GM35-N0 5M | 352596 | NAMUR |
| S 05.08 | frequency current converter with limit value; output 2 x relays CO | monitoring speed centrifuge | impulse | 4-20mA, Transistor, 2xrelay CO | Pepperl+Fuchs GmbH | KFD2-UFC-1.D | 384905 | supplied separately |
| T 05.00 | temperature sensor | motor temperature | temperature | resistor | motor supplier | PTC | | |
| T 15.00 | temperature sensor | motor temperature | temperature | resistor | motor supplier | PTC | | |
| T 15.03 | temperature head transmitter TMT 187 | oil temperature | temperature | 0-100°C / 4-20mA | Endress+Hauser | TMT187 | 373289 | |
| T 15.03 | temperature sensor | oil temperature | temperature | 0-100°C / PT100 resistor | Endress+Hauser | TR10-ABD3BHSHFC000 | 371507 | |
| TI 15.03 | display | display oil temperature | temperature | 0-120°C / visually | Rueger SA | TSV52 SS S C2 | 03740064001 | |
| V 05.06 | vibration speed sensor | unbalance sensor | vibration speed | 0-64mm/s / 4-20mA; 2x N/O contact | Hauber Elektronik | HE200.00.64.01.01.01.050 | 813661 | not Ex |

| REVISIONEN / REVISIONS | | | |
|---|---|---|---|
| Rev. | output | date | orig. by |
| -- | -- | 07.02.2023 | GEJ |

| | |
|---|---|
| client: | **PGWiR** |
| client order number: | **Agreement No. 16 /OP/ZI/2022** |
| Ferrum order number: | **Z10-415116** |
| machine number: | **Z-415116** |
| centrifuge type: | **P-50/2 Rx-Rx-Rx** |

**instrument list**

ferrum | doc. no. | **B04**