

conc. fig. 1:  
T=56 or 100;  
150 and 200  
additional  
for MX13 only

proofily brazed

proofily brazed

tapped hole  
with countersunk

gland PgII acc. to  
DIN 46255 or M18x1,5  
acc. to DIN 89280

seating ring  
acc. to DIN 7603

colour of  
connection box  
see below

flat connector  
A6,3x0,8 DIN 46244  
(shown offset)

view Z

| Typ             | D  |
|-----------------|----|
| MX2-...         | 13 |
| MX2-...-01      | 13 |
| MX5-R12         | 15 |
| MX13-R12        | 15 |
| MX5-R12-01      | 17 |
| MX13-R12-01     | 17 |
| MX13-R12-03     | 17 |
| MX13-R12-02-200 | 17 |

operation pressure  
standard 10 bar  
higher load 25 bar (test pressure 50 bar)  
with mark "P" on hexagon flat

order code for temperature sensors: T 3 - - - -

| meas. resist. code |   | meas. range code |   |
|--------------------|---|------------------|---|
| NTC                | H | 42-120°C         | 1 |
| Pt 100             | P | 7-70°C           | 2 |
|                    |   | 0-120°C          | 1 |

| T   | code |
|-----|------|
| 56  | none |
| 100 | 01   |
| 120 | 02   |
| 150 | 03   |

T in mm (only at special lengths)

T=immersion depth  
of protection tube

| type     | colour |
|----------|--------|
| TH31-... | black  |
| TH32-... | yellow |
| TP31-... | red    |

special lengths:  
57...300 02

order code for protection tubes: MX - - - -

| material       | code | fig.    |
|----------------|------|---------|
| brass          | 2    | 1 and 3 |
| stainl. steel  | 2    | 2 and 4 |
| stainl. steel  | 5    | 1       |
| Cu-Ni-Fe-alloy | 13   | 1       |

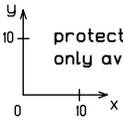
| thread G | code | fig.    |
|----------|------|---------|
| M18x1,5  | M18  | 1 and 2 |
| M20x1,5  | M20  |         |
| M22x1,5  | M22  | 1 and 2 |
| G1/2     | R12  |         |
| M24x2    | M24  | 3 and 4 |
| M33x2    | M33  |         |
| G3/4     | R34  |         |

| T                | code | fig.     |
|------------------|------|----------|
| 56               | none | 1 and 3  |
| 100              | 01   | 1 and 3  |
| 120              | 02   | 2 and 4  |
| 150              | 03   | 1, 2 a 4 |
| special lengths: |      |          |
| 57...300         | 02   | 2 and 4  |
| 200              | 02   | 1        |

T in mm (only at  
special lengths)

T=immersion depth  
of protection tube

\* MX13-R12 only



protect. tubes MX5-... u. MX13-...  
only available with G1/2 thread

| Freimasstoleranzen |                     |                 |           |
|--------------------|---------------------|-----------------|-----------|
|                    |                     | bis 50          | +/-0,1    |
|                    |                     | ueb. 50         | +/-0,2    |
|                    |                     | bis 180         | +/-0,2    |
|                    |                     | ueb. 180        | +/-0,3    |
|                    |                     | Tag             | Name      |
|                    |                     | Bearb. 03.03.94 | Stahlwitz |
|                    |                     | Gepr.           |           |
|                    |                     | Norm            |           |
| o                  | RM 853              | 10.01.95        | Stahlwitz |
| n                  | MKS-/MX13-... hinzu | 04.10.94        | Stahlwitz |
| m                  | RM 818              | -               | -         |
| Ausgabe            | Änderung            | Tag             | Name      |

**NORIS TACHOMETERWERK  
GmbH u Co  
NURNBERG**

**temperature sensor  
and protection tubes**

scale  
**1:1**

**60.206 E**

CAD-File

supersedes drawing of same No.

60206E