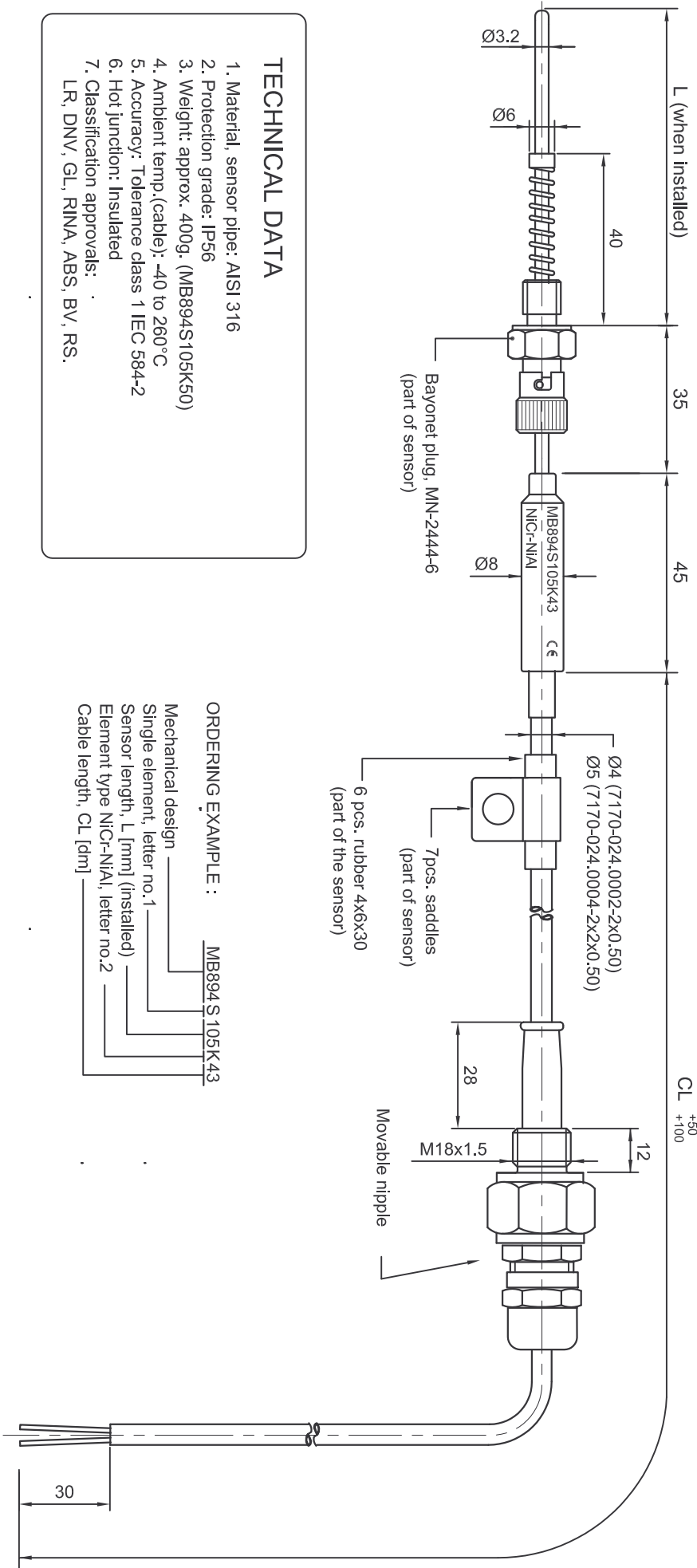


All rights reserved. Specifications subject to change without notice.



TECHNICAL DATA

1. Material, sensor pipe: AISI 316
2. Protection grade: IP56
3. Weight: approx. 400g. (MB894S105K50)
4. Ambient temp. (cable): -40 to 260°C
5. Accuracy: Tolerance class 1 IEC 584-2
6. Hot junction: Insulated
7. Classification approvals: LR, DNV, GL, RINA, ABS, BV, RS.

ORDERING EXAMPLE :

MB894S105K43
 Mechanical design _____
 Single element, letter no.1 _____
 Sensor length, L [mm] (installed) _____
 Element type NiCr-NiAl, letter no.2 _____
 Cable length, CL [dm] _____

LETTER NO.1	EXPLANATION	ELEMENT	ELEMENT	RANGE	COLOUR
D	Double element	J	Fe-CuNi	0-600°C	Red+/Blue-
S	Single element	K	NiCr-NiAl	0-600°C	Red+/Green-

ENGINE	SENSOR	MEASURING POINT	WARTSILA MAT. NO.
Wärtsilä L46	MB894S105K36	Main bearing	0050L436701
Wärtsilä V46	MB894S105K43	Main bearing	0050L436702
Wärtsilä L46	MB894S105K43	Thrust bearing	0050L436703
Wärtsilä V46	MB894S105K50	Thrust bearing	0050L436704
Wärtsilä LV50DF	MB894S105K65	Main bearing	0051C010--
Wärtsilä LV50DF	MB894S105K65	Thrust bearing	0051C010--

F	LV50DF in 20051229 AJK/AJA	D	Maks temp.changed, 030818, VRa/
E	Cable -024.0002 in 040909 AJK/MaV	C	Green>Red, White>Green970708BSw
Rev.	Description Date/Sign.	Rev.	Description Date/Sign.

Temperature sensor type MB894-
for main bearing
Wärtsilä LV/46 and LV/50DF
DIMENSIONAL SKETCH

Date 1994-12-19	Dsgn/Dwn AJK	Trac Approved	Scale/Format 1:1 [A3]
Checked OLY	Spec Cntl. SJK	Approved SJK	

3V50L4367 MB-901

Repl. for	Repl. by	Next sheet
Dwg no. MB-894	Sh.no. F	Rev. Lang.

Kongsberg Maritime AS
Automation
Trondheim