



NXP<sup>TH</sup> + NXMK + VIPNX



- AISI 316 stainless steel construction
- Standard preset option
- For off-shore and industrial application
- Weatherproof standard IP67



Stainless steel Pan & Tilt unit designed for movement on horizontal and vertical axis.

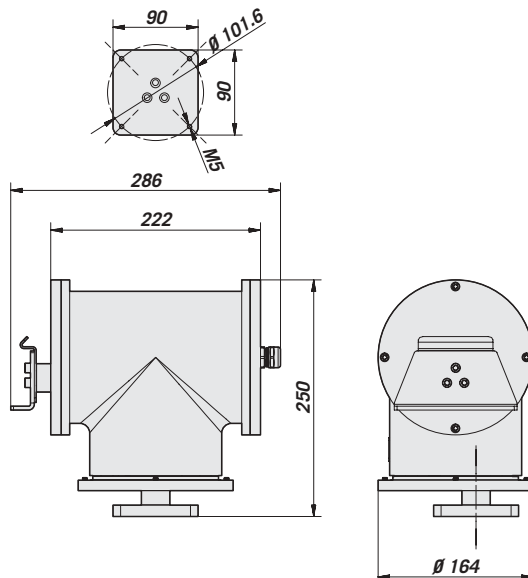
The NXP<sup>TH</sup>, together with the NXM stainless steel housing, is built to resist the most severe environments. Developed for the offshore market and for every type of sea-going vessel and industrial applications.

Each detail has been carefully analysed, resulting in a

reliable product suitable for all those environments where the external agents are highly corrosive. The accurate mechanical construction and the reliable motors reduce the need of maintenance even in situations of heavy mechanical stress.

The NXP<sup>TH</sup> allows a maximum horizontal/vertical rotation of 340° and is equipped with potentiometers which allow the preset function.

MODELS		
	POWER SUPPLY	PRESET
NXP <sup>TH</sup> 210	230VAC	•
NXP <sup>TH</sup> 211	24VAC	•



The values are in millimeters.

## TECHNICAL DATA

### GENERAL

Made of stainless steel (Austenitic alloy stainless steel, corrosion and heat-resistant according to the following standards):

- UNI 6900-71: X 2 Cr Ni Mo 17 12
- AISI: 316L
- DIN 17006: X 2 Cr Ni Mo 18 10
- N° WERKSTOFF: 1.4404
- AFNOR: Z2 CND 17-12
- BSI: 316 S 12

The screws utilised are in austenitic alloy stainless steel, corrosion and heat-resistant according to the following standards:

- UNI 6900: X 5 Cr Ni Mo 1712
- AISI: 316
- ISO quality: A4
- Resistance class ISO: 80

- External body polishing
- O-ring gaskets
- Supplied with: instruction manual, 1 bag with bolts and screws

UNI: Ente Nazionale Italiano di Unificazione, AISI: American Iron and Standard Institute, DIN: Deutsche Industrie Normen, AFNOR: Association Française de Normalisation, BSI: British Standard Institution, ISO: International Organization for Standardization.

### MECHANICAL

- Dimensions: 164x250x280 mm (6.4x9.8x11 in)
- Maximum load: 40 kg (88 lb) (balanced)
- 0-340° Horizontal movement
- Horizontal speed 5°/s
- 0-340° Vertical movement
- Vertical speed 3°/s
- Pan Dynamic Torque 35 Nm at specified voltage
- Pan Static Torque 12 Nm
- Tilt Dynamic Torque 60 Nm at specified voltage
- Tilt Static Torque 24 Nm
- Backlash: Pan 0,1°, Tilt 0,16°
- Horizontal potentiometer internally adjustable

- Vertical potentiometer internally adjustable
- 2 PG13,5 cable glands in nickel-plated brass for external connections

### ELECTRICAL

- Power supply IN 24/230VAC, 50/60Hz
- Standard vertical and horizontal potentiometers
- Potentiometer linear multiturns (10 turns)
- Horizontal motor consumption 13W
- Vertical motor consumption 13W

### RELATED PRODUCTS

#### Brackets:

**NXWBPTH** Heavy duty P&T Stainless Steel wall mount

#### Housings:

**NXM series**

#### Telemetry receivers:

- DTMRX224** Telemetry receiver 12 functions for NXPTH211 (no preset)
- DTMRX2** Telemetry receiver 12 functions for NXPTH210 (no preset)
- DTRX3** Telemetry receiver 17 functions for NXPTH210 and NXPTH211 (preset control)

### ENVIRONMENT

- Indoor/outdoor
- Operating temperature: -20°C +50°C (-4 +122°F)
- Salt-air fog resistance

### COMPLIANCE TO

- CE according to EN 61000-6-3, EN 60065, EN 50130-4
- IP67 according to EN 60529



**Unit Weight (kg / lb):**  
NXPTH: 15 / 33

**Package Weight (kg / lb):**  
NXPTH: 15,5 / 34

**Package Dimensions (cm / in):**  
NXPTH: 33x21x31,5 / 12.9x8.6x12.4

**Master Carton (units):**  
NXPTH: