

**YAMATAKE Europe**

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**PROPOSAL**

PROPOSAL NO.: Q20061446 YEU-06-867

18-mai-06

**To: M.VR.GR. HENDRIK JAN GROENENBOOM**[hjgroen@maasship.nl](mailto:hjgroen@maasship.nl) OR OUR FAXNR.

H.J.GROENENBOOM

Dear Sir,

We have pleasure in quoting you as follows:

End User : unknown , for Nishida Marine Boiler through MASS SHIPSTORES B.V

INQUIRY No. : ??? by E-mail dated by 11May., 2006

Item	Description	Q'ty	Unit	Unit Price	Amount (euro)
I	Pneumatic Differential Pressure transmitter *Refer to the next pages for the detail specifications .	1	lot		€1 843,00
II	Total FOB Japan	1	lot		€1 843,00

Delivery Time : 7 weeks after receipt of order (Ex-factory basis )

Manufacturer : Yamatake Corporation

Packing Information : N/W kg, G/W kg, x x cm, 1 case

Very truly yours,

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**Regis Houllier**

Item	Description	Q'ty	Unit	Unit Price (euro)	Amount (euro)
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1	Pneumatic Differential Pressure transmitter	1	ea	€1 843,00	€1 843,00
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<Replacement for the required Model No. : NDP22Y-1122-67 >

Model No. : KDP22-1122A3-67

Code    Description

- KDP22 Basic Model No. : Medium Differential Pressure transmitter  
Supply air pressure : 1.4 kgf/cm2  
Measuring Range : 0 - 250 to 0 - 5,500 mmH2O (0 - 2.5 to 0 - 53.9 kPa)  
Range : 0 to 270 mmH2O  
Process connection : Rc 1/2 internal thread  
-11 Cover material (HP ,LP) : Carbon steel (SF45A)  
22 Pressure element material (HP , LP) : SUS316 (Diaphragm SUS316L)  
A Air connection : Rc 1/4 internal thread  
3 Pressure unit/ Output : bar, 0.2 to 1.0 bar  
-6 **Option : Suppression = 300 mmH2O**  
7 Air set (Air regulator with filter)

\*See Note 1, 2, 3, 4, and refer to the specification sheet of KDP22 (SS2-5220-1100) attached .

- Note
1. Since the inquired model number "NDP22Y-1122-67" pneumatic differential pressure transmitter, has been discontinued in production , we quoted the current model "KDP22" .
  2. Though we could not fix Y-option number from the production number, but we could fix that Y-number is Y20 (Half range) by the range "250 to 3250 mmH2O in the inquiry, because the standard NDP22 did not cover the range lower than 500 mm H2O .  
If our assumption is incorrect, please inform us, we will re-quote .  
Refer to the specification sheets of NDP22 (SS2-512-220) attached , for customer's reference .
  3. Since we could not understand "Supply 300 mm H2O" in "Range 0-270 mmH2OSupply 300 mm H2" of the inquiry inquiry description, we assumed it as "Suppression = 300 mm H2O" .  
Actual air supply pressure to KDP or NDP is 1.4 kgf/cm2 .  
If our assumption is incorrect, please inform correct suppression value in ordering .
  4. Since the inquired model numbers of NDP22 dose not include the process connection type and air connection type, we quoted the type as Rc (F).  
If our assumption is incorrect, please inform us, we will re-quote .

For your reference , the contents of the required model number .

1 NDP22 Pneumatic Differential Pressure transmitter

Model No. : NDP22Y-1122-67

Code    Description

- NDP22 Basic Model No. : Middle Differential Pressure range  
Measuring Range : 0 - 500 to 0 - 6,500 mmH2O , Supply air pressure : 1.4 kgf/cm2  
Range : 0 to 300 mmH2O  
**Y Semi-Standard option : Y20 Half range , (0 -250 to 0 -3250 mmH2O)**  
-11 Cover material (HP ,LP) : Carbon steel (SF45A)  
22 Pressure element material (HP , LP) : SUS316 (Diaphragm SUS316L)  
-6 Option : Suppression = 300 mmH2O  
7 Air set with gauge ( diameter 40 mm)

\*\*Though model number of NDP had no information for the type of process connection (PT1/2, or NPT 1/2) and the type of air connection (PT1/4, or NPT1/4) , both type (PT,NPT) were selectable .  
Refer to the specification sheet of NDP22 attached .

