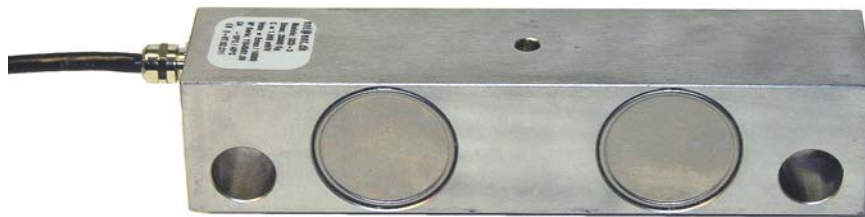


**NORDIC TRANSDUCER**

## Double-Ended Shear Beam Load cell Model: DCO-3 from 10 - 50ton



The **DCO-3** is a mid to high capacity stainless steel double ended shear beam load cell designed for use in industrial and out door environments.

Stainless steel construction limits corrosion from outdoor use and the IP67 sealing makes it suitable for applications that are subject also to wash down.

Tank weighing is made simple when this load cell is combined with the mounting hardware units special design for this cell.

Its high accuracy ( up to OIML C6) make it ideal for certified weighing of many kind.

This load cell can also be supplied ATEX approved, making it suitable for use in potentially explosive environments.

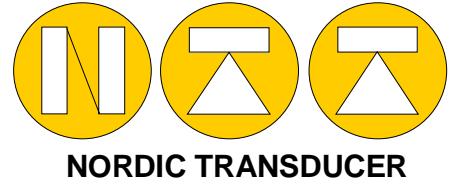
### DCO-3 load cell



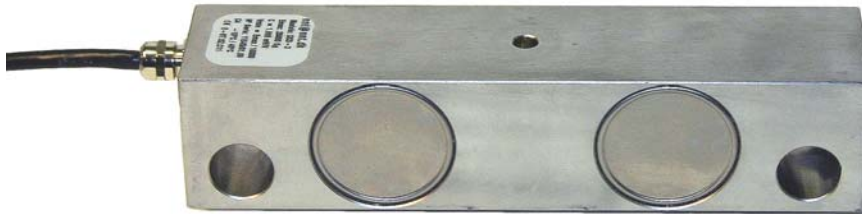
Rated capacity:	10, 15, 20, 25, 40 & 50 ton
OIML R60, class:	C3,C4,C5,C6
Maximun combined error:	<0.02%
Repeatability error:	<0.02%
Creep (30min)	<0.02%
Zero Temp. effect:	<0.003%/°C
Output Temp. effect:	<0.0008% °C
Temperature limits:	-10°C - +40°C
Rated output:	2 +/- 0,1% mV/V
Excitation Voltage:	5 - 15V
Input Resistance:	700 +/-30hm
Output resistance:	700 +/-3 Ohm
Protection against humidity :	IP67 (DIN 40050)
Material load cell:	Stainless steel
Cable 6 wire:	15m
Maximum service load:	120%
Maximum load:	150%

CE Certification: E-97.02.C11

# DCO-3 load cell supports

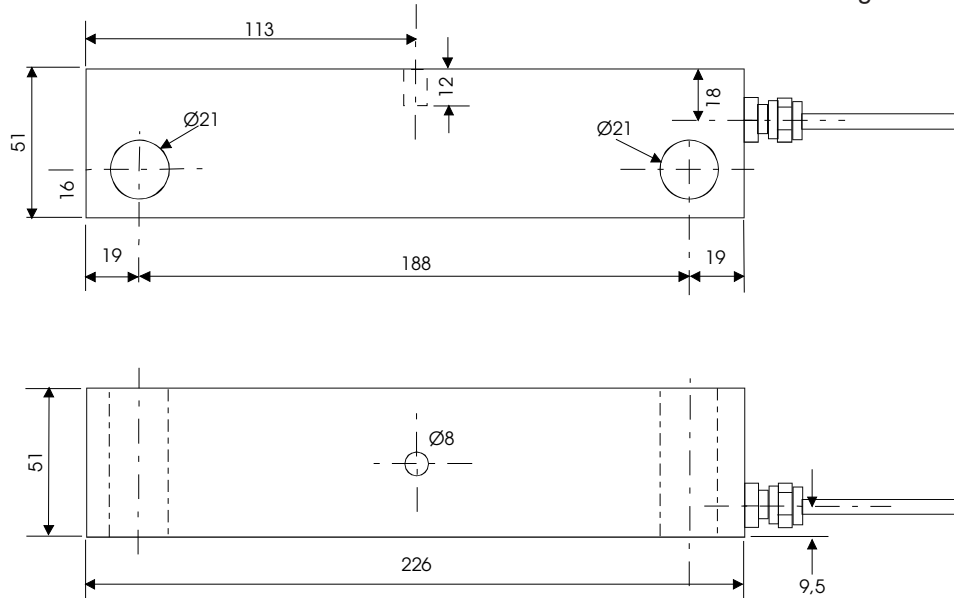


**DCO-3** in stainless steel IP67 protection.



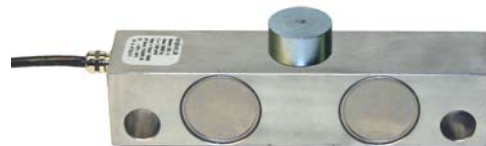
*Dimensions in mm*

Weight = 4.44kg

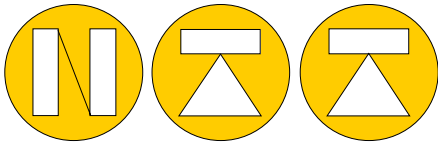


**6 wire system cable Ø6,5 x 15m length**

- Exc + = Red
- Sense + = Yellow
- Exc - = Black
- Sense - = Blue
- Signal + = Green
- Signal - = White



# DCO-3 load cell supports



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Base support for **DCO-3** load cell, can be supplied in nickel plated steel or stainless steel.



Weight = 9.33kg

