DAN-TRANSDUCER ApS

SHEAR BEAM LOAD CELL **MODEL DT 350**
CAPACITIES: 500 Kg to 5 Tons

MODEL 350i

COMPLETE SERIE OF LOAD CELLS FOR PLATFORM SCALES, TANKS AND HOPPER SCALES

VERSIONS

350 a	**NICKEL-PLATED STEEL ALLOY, SILICONE SEALING, IP 66 (EN 60529)**
350 i	**FULLY STAINLESS STEEL CONSTRUCTION, HERMETICALLY SEALED, FULLY WELDED, IP 68 (EN 60529)**

- **SERIE DT 350i SHEAR BEAMS FOR MANY APPLICATIONS IN THE INDUSTRY.**
- **3000 DIVISIONS O.I.M.L. R60, APPROVED.**
- **SIMPLE TO INSTALL AND TO REPLACE BY REPAIR**
- **FULLY WELDED STAINLESS STEEL, HERMETICALLY SEALED TO IP 68.**
- **CAPACITIES: 500, 1000, 2000 AND 5000 Kg**
- **LIGHTNING PROTECTION IS AVAILABLE**

DAN-TRANSDUCER ApS
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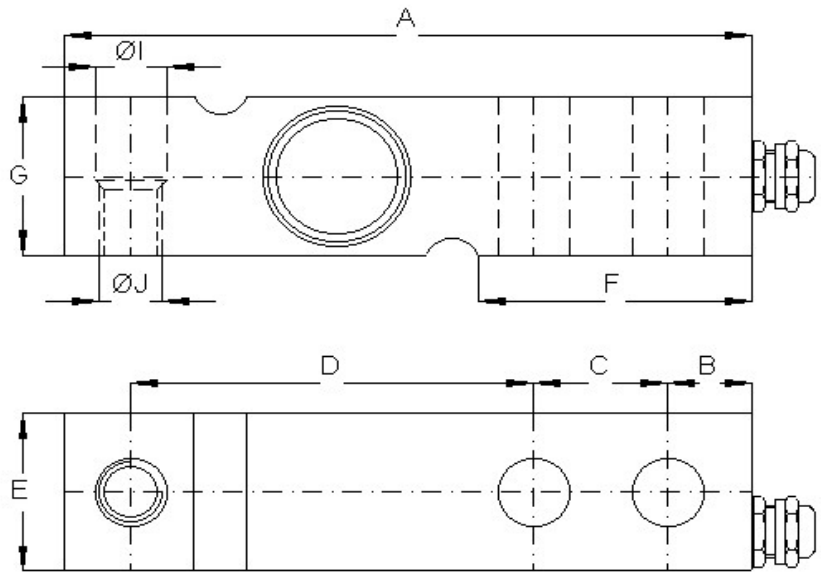

DIMENSIONS

MODEL	RANGES KG	A	B	C	D	F	G	ØI	ØJ	E	CABLE M
350	500 – 2.000	130	15,8	25,4	76,2	51,6	31,5	13,5	M12	31,5	5
350	5.000	171,5	19	38,1	95,2	76	48	21,5		38,5	5

SPECIFICATIONS

		UNITS	AMOUNT
		KG/Te	500/ 1, 2, 5
Capacities	*(Emax.)*		
Accuracy class		C3	3000 DIVISIONS
Min. dead load	(Emin.)	% of Emax.	0
Safe load limit	(Elim.)	% of Emax.	200
Linearity error		%	<+/-0,012
Hysteresis error		%	<+/-o,015
Repeatability		%	<+/-0,015
Temperature effects: Zero		%/*C	<+/-0,0020
Temperature effects: Span		%/*C	<+/-0,0012
Creep Error		%	<+/-0,016
Temperature compensation		*C	-10 to +40
Temperature limits		*C	-30 to +70
Sensitivity	(C)	MV/V	2+/-0,1%
Nominal input voltage (Max)		V dc or ac	10 (15)
Input resistance		Ohm	400+/-20
Output resistance		Ohm	350+/-3
No load out put		%	<+/-2
V.min.			E.max./10.000
Insulation resistance		M ohms	>5000

ELECTRICAL CONNECTION

MODEL 350a		MODEL 350i	
CABLE	PVC, Ø 5,4 mm; 5 meter	CABLE	PVC, Ø 5,4mm; 5 meter
+EXCITATION	GREEN	+EXCITATION	GREEN
-EXCITATION	BLACK	-EXCITATION	BLACK
+SIGNAL	RED	+SIGNAL	RED
-SIGNAL	WHITE	-SIGNAL	WHITE
		+SENSE	BLUE
		-SENSE	YELLOW

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