Eilersen
The Weighing Experts

ATEX Scales

ATEX scales based on Eilersen robust IP68 load cells for installation in ATEX rated area (zone 1, 2, 21, and 22) and typically used in food, pharma, chemical and offshore applications where reliability is a must

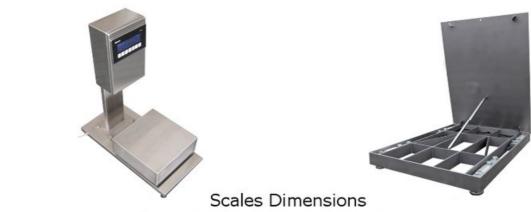|	
Type:	ATEX Scale
Capacity (Emax):	Up to 20000kg
Overload Tolerance:	Up to 1000%
Options:	Specific dimensions, range and materials
	Local indicator and/or direct interface to PC, PLC or SCADA systems

- Made in Denmark
- Installation in ATEX zone 1, 2, 21, and 22
- Dimensions, range and materials (e.g. AISI304 or 316, epoxy coating etc.) according to customer specifications
- Robust capacitive technology
- Patented high reliability capacitive sensor (IP68)
- High tolerance of up to 1000% overload
- High accuracy and high resolution
- Digital filters for reducing the influence from vibrations

- Cable length up to 100meters
- Scale calibration is independent of cable length
- A range of software modules for standard weighing, special purposes, and customer specific applications
- The status of each load cell in the scale can be monitored allowing for easy maintenance
- Local indicator and/or direct EtherNet/IP, PROFINET, EtherCAT, Modbus TCP/IP, Profibus DP, DeviceNet, RS485, 4-20mA, or 0-10Vdc interface

Eilersen Robust Scales

Scales Dimensions
According to customer specifications

All dimensions in mm.

Description:			Drawing no.:		Part rev.:	Drawing rev.:
Weight Type SD 800x1000			SD Vægt 800x1000			
Sign:	LF	Drawn date:	06-11-2012	Weight	70188.62 g	Scale:	1:20	A3
Rev. sign:	LF	Rev. date:	06-11-2012				
Material:		Surface:				
Approved by:		Appr. date:				

Eilersen
Industrial Sensors

E
E

100x100x8

215

2468

2621

85

50
20

Aksel Ø50
GE 20AX
Pur SH 90
M20
SDM 80

Skærm 3mm 1.4301

ø22

Rammerne varmgalvaniseres.

Eilersen	Description:	Date:	12-06-2012	Drawer:	CBC
The Weighing Experts	Vejeramme	Rev. date:		Rev. init:	
		Scale:		Rev. no:	A
	Measuring without tolerances: ISO 2768	Papersize:	A3	Case no:	
Pcs.: 1	Basic material:	Page:	1 of 1	Project no:	
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98

500

500

Ø22,5 for ledn.

Vægt udført i 5mm plade 1.4301
Overflade bejdset og poleret

KSN INDUSTRI A·S	Description:	Date:	20-01-2012	Drawer:	CBC
Baldersvej 2 DK-8850 Bjerringbro Phone +45 86680300 Telefax +45 86680138 ksn@ksn.dk www.ksn.dk	Vægt 500x500	Rev. date:		Rev. init:	
		Scale:		Rev. no:	A
	Measuring without tolerances: ISO 2768	Papersize:	A3	Case no:	S3393
Pcs.: 1	Basic material:	Page:	1 of 1	Project no:	
	As this is the property of KSN Industri A/S it must not be passed on to any person not authorized by KSN, or be copied or otherwise utilized by anybody without KSN's expressed written permission			Drawing no:	S3393-001-000

Parameter	Unit	Specification
Dimensions	mm	According to customer requirements
Rated capacity (Emax)	kg	According to customer requirements
Safe overload limit	% of E_{max}	Up to 1000 (10 times rated capacity)
Accuracy	div	Up to 10000 scale divisions
Resolution	% of E_{max}	up to 0.001
Protection		IP68
Material		Stainless steel AISI304 or 316
Maximum load cell cable length	m	100
Power Supply	V	24Vdc ±5% up to 230VAC
Interface options		EtherNet/IP, PROFINET, EtherCAT, Modbus TCP/IP, Profibus DP, DeviceNet, RS485, 4-20mA, 0-10Vdc
Indicator		With or without local indicator
Certified legal for trade		Optional
ATEX		Optional ATEX zone 1, 2, 21 and 22

- Robust accurate scales for installation in ATEX rated area (zone 1, 2, 21, 22)

- Specific dimensions, range and materials
- Local indicator and/or direct interface to PC, PLC or SCADA systems