



Floor Scales

Eilersen reliable floor and pit scales are used in wet and tough environments with overloads, vibrations, high humidity and corrosion and where high accuracies are required. The scales are maintenance-free and fulfil the protection degree IP68

Type:	Floor Scales
Capacity (Emax):	Up to 5000kg
Overload Tolerance:	Up to 1000%
Options:	Specific dimensions, range and materials Local indicator and/or direct interface to PC, PLC or SCADA systems Certified versions for legal for trade

- Made in Denmark
 - 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
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- 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



Topplade udført i 6mm 1.4401

Rustfri gasfjeder

Bundramme 100x100x5

Maskinsko justerbar +40 -5mm

200

1500

1800

40 1540

Punktbelastning max. 2000 kg

SDM70

	Description:	Date:	19-06-2012	Drawer:	cbc
	Measuring without tolerances.	Rev. date:		Rev. int:	
ISO 2768	Scale:	Scale:		Rev. no.:	A
Basic material:	Paper size:	Paper size:	A3	Case no.:	
Pos.:	Page:	Page:	1 of 1	Project no.:	
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<p>Eilersen The Weighing Experts</p>	Description:	Date:	Drawer:
	Vejeramme	12-06-2012	CBC
	Measuring without tolerances:	Rev. date:	Rev. inst:
	ISO 2768	Scale:	Rev. no:
Pos.: 1	Basic material:	Paper size:	Case no:
		A3	A
		Page:	Project no:
		1 of 1	
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<p>INDUSTRI A/S KSN</p> <p>Saldersvej 2 DK-8850 Bjerringbro Phone +45 86680300 Telefax +45 86680138 k@kkn.dk www.kkn.dk</p>	Description:	Date:	Drawer:
	Vægt 500x500	20-01-2012	CBC
	Measuring without tolerances:	Rev. date:	Rev. inst:
	ISO 2768	Scale:	Rev. no:
Pos.: 1	Basic material:	Paper size:	Case no:
		A3	S3393
		Page:	Project no:
		1 of 1	
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Parameter	Unit	Specification
Dimensions	mm	According to customer requirements
Rated capacity (E _{max})	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 floor and pit scales for industrial applications
- Specific dimensions, range and materials
- Local indicator and/or direct interface to PC, PLC or SCADA systems
- Certified versions for legal for trade