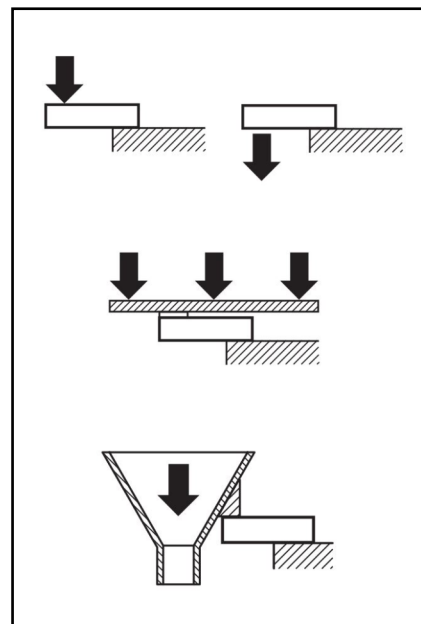
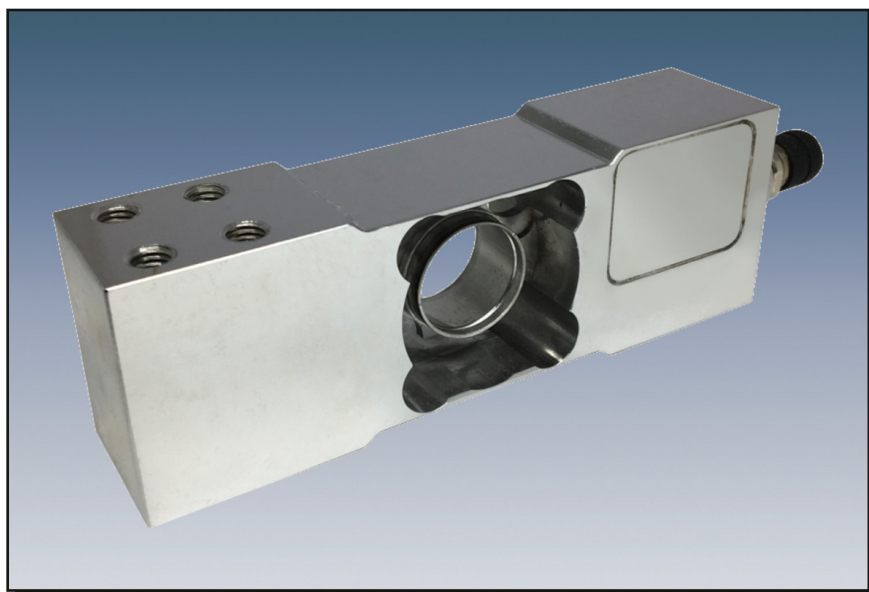
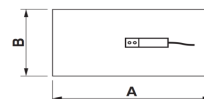




- Double bending beam load cell
- Fully stainless steel
- 3000 div. OIML R60 class C
- Weighing functions according to EN 45501 and OIML R76
- High speed: 1600 reading per second
- Selectable digital filters for high speed weighing
- Digital CAN bus interface with CANopen protocol
- Direct output in weight units
- Hermetically sealed, fully welded, protection IP 68 (EN 60529) and IP 69K (ISO 20653)
- High accuracy with off-center loads
- Applications: multi-head weighers, packing, bagging and filling machines, direct platform up to 600 x 600 mm

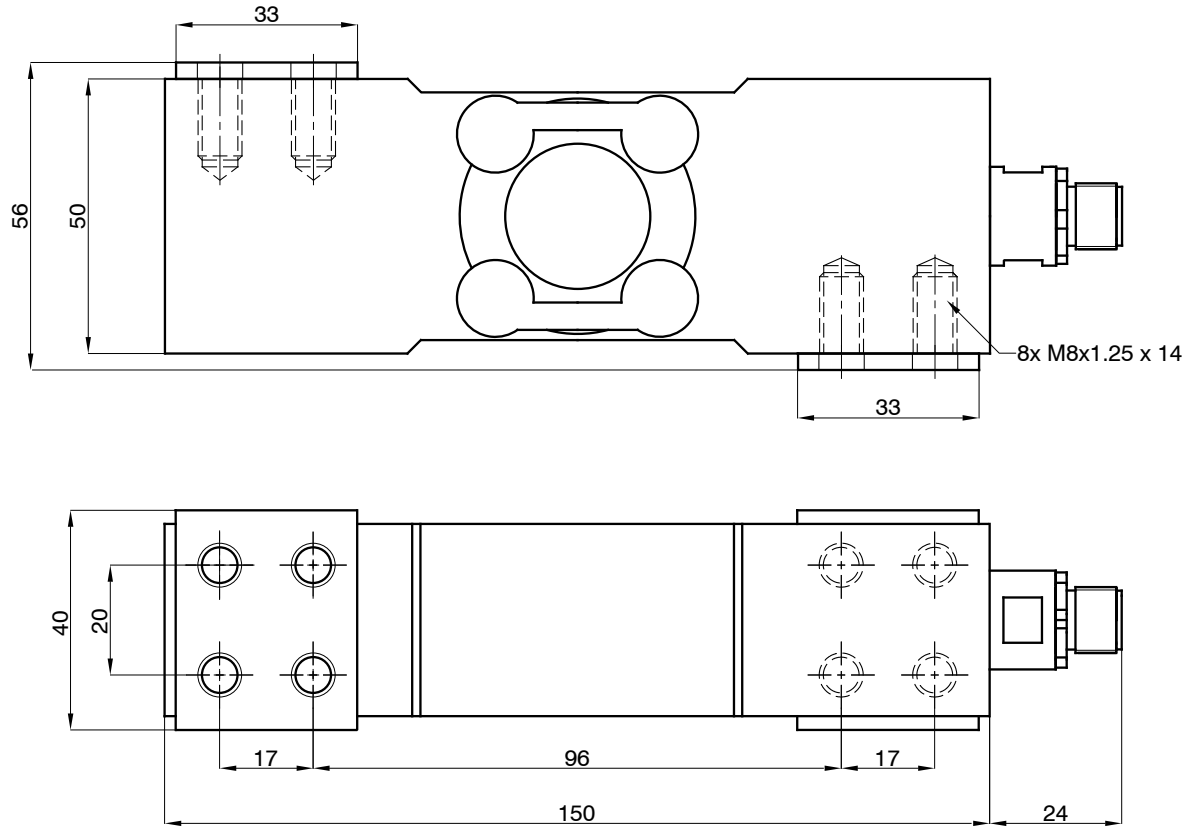
- 双弯曲梁式称重传感器
- 全不锈钢
- 3000分度 OIML R60C级
- 符合EN 45501和OIML R76标准
- 转换速率高达1600次/秒
- 可选适用于高速称重的数字滤波
- 使用CAN open协议的数字CAN总线接口
- 直接输出重量值
- 全焊接密封
防护等级IP 68 (EN 60529) 和IP 69K (ISO 20653)
- 偏载时可保持高精度
- 应用：多头秤，包装、装袋和灌装机，秤台最大尺寸600×600mm

Model 型号	Nominal capacity 量程 Ln	Accuracy class 精确度等级 n. OIML	Minimum division 最小分度值 vmin	Service load 安全过载 150% Ln	Platform 平台尺寸 A x B mm	Accuracy 精确度等级 1/3 Ln
190iD 15 kg	15 kg	3000	1 g	22.5 kg	600 x 600	3000 v
190iD 20 kg	20 kg	3000	1 g	30 kg	600 x 600	3000 v
190iD 30 kg	30 kg	3000	2 g	45 kg	600 x 600	3000 v
190iD 50 kg	50 kg	3000	2.5 g	75 kg	600 x 600	3000 v





MODEL 190iD



Dimensions in mm. 单位: mm.

Transport weight 1.8 kg. 重量: 1.8kg

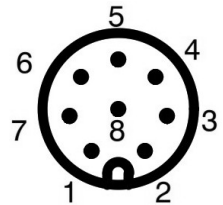
SPECIFICATIONS			技术参数
Nominal capacities (Ln)	15-20-30-50	kg	量程 (Ln)
Accuracy class	3000	n _{LC} OIML	精确度等级
Minimum dead load	0	%Ln	最小静载荷
Service load	150	%Ln (1)	安全过载
Safe load limit	200	%Ln (1)	安全载荷极限
Total error	< ±0.017	%Sn (2)	综合误差
Repeatability error	< ±0.004	%Sn	重复性误差
Temperature effect: on zero	< ±0.004	%Sn/5°C	温度影响: 零点
on sensitivity	< ±0.006	%Sn/5°C	灵敏度
Creep error (30 minutes)	< ±0.016	%Sn	蠕变 (30分钟)
Temperature compensation	-10...+40	°C	温度补偿
Temperature limits	-20...+70	°C	温度极限
Nominal output (Sn)	1000000±0.05%	counts (3)	灵敏度 (Sn)
No load output	±0.1	%Sn	空荷输出
Power supply	9...30	V DC	供电电源
Supply current	50	mA (max.)	供电电流
Conversion speed	1600	Hz	转换速率
CAN interface	CAN 2.0A		CAN通讯接口
Protocol	CANopen		协议
Data rate	50 - 1000	kBit/s	数据传输速率
Max. transmission cable	< 1000 @50kBit/s < 200 @250kBit/s < 25 @1MBit/s	m	最大传输距离
Maximum deflection (at Ln)	0.3-0.5	mm	最大变形位移 (量程内)
(1) Only central loads on the load cell. Not for off-center loads 置传感器于受力中心, 勿使偏载			
(2) Total error: Non Linearity and Hysteresis综合误差: 非线性和滞后			
(3) User programmable用户可编程			

ELECTRICAL CONNECTION:

电气连接:

Load cell supplied with an 8 pins M12x1 male connector (code A)

称重传感器配备一个8脚针M12x1公口(代码A)



PIN/脚针	Signal/信号
1	UB/供电+
2	GND/供电-
3	CAN H In
4	CAN L In
5	Reserved/ 预留
6	CAN L Out
7	CAN H Out
8	Shield / 屏蔽

SHIELD: Connected to transducer body.

屏蔽: 不与传感器外壳连接。