

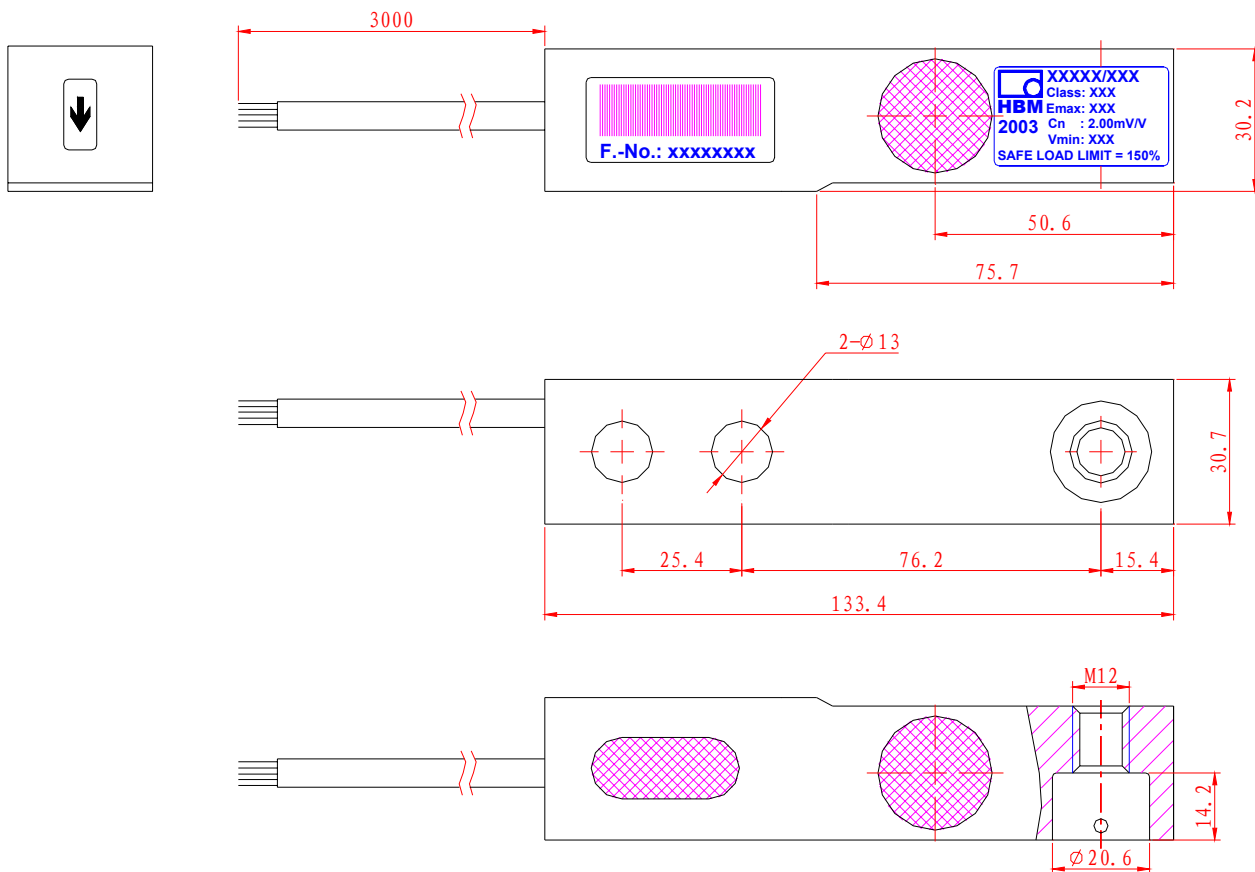
## 1. 1-MB35...-1 Technical data:

技术参数 (Technical data)	单位 (Unit)	MB35D1	MB35C3
精确度等级 (OIML R60)		D1	C3
额定载荷 Emax (Max. capacity)	kg	220,550,1100,1760	
最小检定分度值 (V <sub>min</sub> )	% of Emax	0.0285	0.0100
灵敏度 (Sensitivity)	mV/V	2	2
灵敏度误差 (Sensitivity tolerance)	%	±0.5000	±0.1000
温度对零点影响 (TC Zero)	% of Cn/10K	±0.0400	±0.0140
温度对灵敏度影响 (TC Span)	% of Cn/10K	±0.0500	±0.0140
非线性误差 (Non-linearity)	% of Cn	±0.0500	±0.0170
滞后误差 (Hysteresis error)	% of Cn	±0.0500	±0.0170
蠕变及蠕变恢复 (30mins) (Creep、MDLR)	%/30min	±0.0500	±0.0166
零点平衡 (Zero balance)	mV/V	0±0.10	
输入电阻 (Input resistance)	Ω	>350	
输出电阻 (Output resistance)	Ω	350±2	
参考电压 (Uref)	V	5	
工作电压范围 (Bu)	V	5...15	
绝缘电阻 (Insulation resistance)	GΩ/100V	>5	
额定温度范围 (Nominal temperature rang)	℃	-10~+40	
工作温度范围 (Service temperature range)	℃	-30~+70	
存储温度范围 (Storage temperature range)	℃	-50~+85	
安全承载 (Safe load limit)	% of Emax	150	
极限侧载 (Lateral load limit)	% of Emax	100	
破坏载荷 (Breaking load)	% of Emax	300	
允许动态载荷 (Permissible dynamic load) (according to DIN 50100)	% of Emax	70	
最大载荷下变形量 (Deflection at Max. capacity), approx.	mm	0.5	
重量 (Weight approx.)	kg	0.9	
保护等级 (IP)		IP66	
Material: 弹性体 (Measuring element) 电缆连接 (Cable fitting) Cable-sheath		Alloy steel Stainless steel/Sealing:Viton PVC	

## 2. 1-MB35...-1 Part Number Description

Part Number	Description	Detailed description
1-MB35C3/220KG-1	MB35C3/220kg	L/C 2MV/V, C3, M12 THD
1-MB35C3/550KG-1	MB35C3/550kg	L/C 2MV/V, C3, M12 THD
1-MB35C3/1.1T-1	MB35C3/1.1T	L/C 2MV/V, C3, M12 THD
1-MB35C3/1.76T-1	MB35C3/1.76T	L/C 2MV/V, C3, M12 THD
1-MB35D1/220KG-1	MB35D1/220kg	L/C 2MV/V, D1, M12 THD
1-MB35D1/550KG-1	MB35D1/550kg	L/C 2MV/V, D1, M12 THD
1-MB35D1/1.1T-1	MB35D1/1.1T	L/C 2MV/V, D1, M12 THD
1-MB35D1/1.76T-1	MB35D1/1.76T	L/C 2MV/V, D1, M12 THD

## 3. 1-MB35...-1 Mounting dimension:



### Cable:

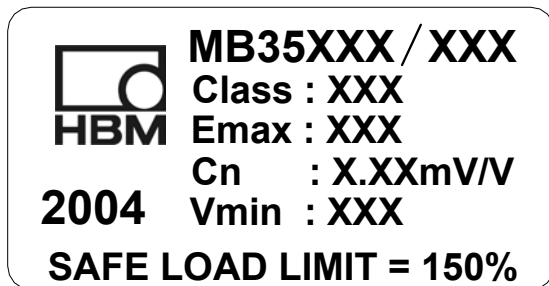
Shielded 4-core round cable(19/0.127mm) with PVC-jacket

### Wiring code:

- Excitation voltage + : green
- Signal+ : white
- Signal - : red
- Excitation voltage - : black
- Shield: Yellow, floating

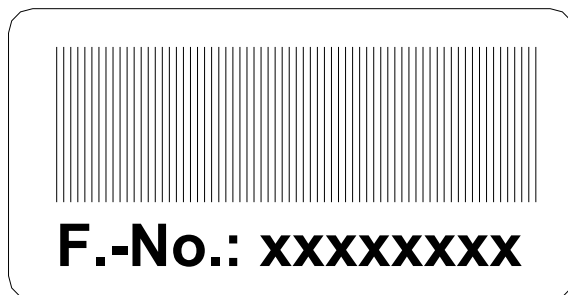
## 4. label:

### 4.1 Type label

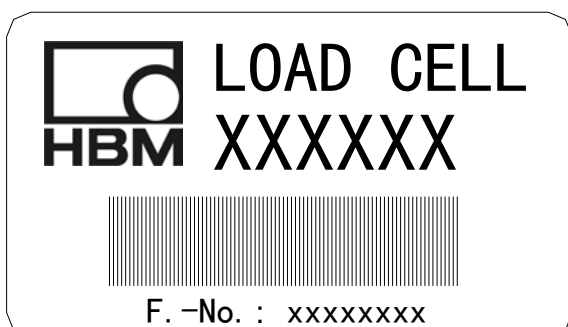


Part Number	Type	Class	Emax	Cn	vmin
1-MB35C3/220KG-1	MB35C3/220kg	C3	220kg	2.00mV/V	0.0100%
1-MB35C3/550KG-1	MB35C3/550kg	C3	550kg	2.00mV/V	0.0100%
1-MB35C3/1.1T-1	MB35C3/1.1t	C3	1.1t	2.00mV/V	0.0100%
1-MB35C3/1.76T-1	MB35C3/1.76t	C3	1.76t	2.00mV/V	0.0100%
1-MB35D1/220KG-1	MB35D1/220kg	D1	220kg	2.00mV/V	0.0285%
1-MB35D1/550KG-1	MB35D1/550kg	D1	550kg	2.00mV/V	0.0285%
1-MB35D1/1.1T-1	MB35D1/1.1t	D1	1.1t	2.00mV/V	0.0285%
1-MB35D1/1.76T-1	MB35D1/1.76t	D1	1.76t	2.00mV/V	0.0285%



### 4.2 Serial number label



### 4.3 Individual package label



## 4.4 Outer package label

<b>Hottinger Baldwin Measurement (Suzhou) Co.,Ltd</b> 106 Hengshan Road,Suzhou Jiangsu, P.R.China 215009 www.hbm.com.cn		
Order. P/N	: 1-MB35XX/XXX-1	
PO No.	: 12345(address)	
Altern. P/N	: 1-MB35XX/XXX-1	
Type	: MB35XX/XXX	
Quantity	: XX pcs.	
Packing date: YYYY-MM-DD		Approved by: 

Order P/N	Altern P/N	Type
1-MB35C3/220KG-1	1-MB35C3/220KG-1	MB35C3/220kg
1-MB35C3/550KG-1	1-MB35C3/550KG-1	MB35C3/550kg
1-MB35C3/1.1T-1	1-MB35C3/1.1T-1	MB35C3/1.1t
1-MB35C3/1.76T-1	1-MB35C3/1.76T-1	MB35C3/1.76t
1-MB35D1/220KG-1	1-MB35D1/220KG-1	MB35D1/220kg
1-MB35D1/550KG-1	1-MB35D1/550KG-1	MB35D1/550kg
1-MB35D1/1.1T-1	1-MB35D1/1.1T-1	MB35D1/1.1t
1-MB35D1/1.76T-1	1-MB35D1/1.76T-1	MB35D1/1.76t

编制:

审核:

批准: