



IP68

Manufactured according to OIML R60 standards

Capacity from 15000 kg to 50000 kg

- 17-4 PH STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.035\%$
- PROTECTION CLASS IP68



CAPACITY	kg	NET WEIGHT (kg)	CODE
15000		1.4	MA4-15000
30000		2.2	MA4-30000
50000		3.8	MA4-50000

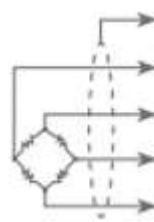
COMPRESSION LOAD CELL – LOW PROFILE

TECHNICAL FEATURES

Material	17-4 PH stainless steel		
Nominal load (E max)	15000 - 30000 - 50000 kg		
Combined error	≤±0.035%		
Protection class	IP68		
Rated output	2 mV/V ±0.1%	Input resistance	700 Ω ±5
Temperature effect on zero	0.005% °C	Output resistance	700 Ω ±5
Temperature effect on span	0.005% °C	Zero balance	±1%
Compensated temperature range	-10 °C / +50 °C	Insulation resistance	>10000 MΩ
Operating temperature range	-20 °C / +70 °C	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	15 V	Deflection at nominal load	0.4 mm

ELECTRICAL CONNECTIONS

Cable length	10 m
Cable diameter	5 mm
Cores	6 x 0.14 mm ²

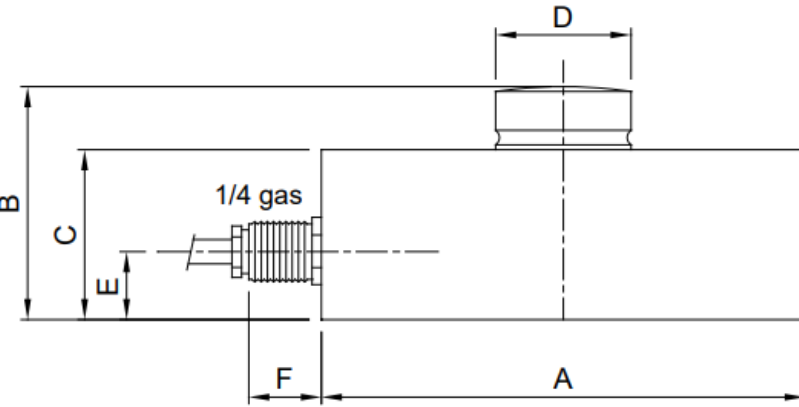


SHIELD	
+ SIGNAL	GREEN
+ EXCITATION	RED
+ REF./SENSE	BLUE
- SIGNAL	WHITE
- EXCITATION	BLACK
- REF./SENSE	YELLOW

MA4

COMPRESSION LOAD CELL – LOW PROFILE

DIMENSIONS (mm)



kg	15000	30000	50000
A	Ø82	Ø100	Ø126
B	44	48	54
C	32	35	40
D	Ø22	Ø28	Ø35
E	14	14	14
F	15	15	15

