

Technical data :

Output type	PNP
Function	NO
Operating voltage	18...30V DC
Current consumption (Off state)	< 40 mA
Operating current	200 mA
Voltage drop	< 2 V
Residual current	< 70 µA
Ambient temperature range	0...60 °C
Switching frequency	30 Hz
Power-on delay	< 150 ms
Adjustment method	Detection threshold adjustment by teaching

Protection :

Reverse polarity protection	
Short-circuit protection	
Overload protection	
IEC 61000-4-2 (ESD)	4 kV contact / 8kV air
IEC 61000-4-4 (Burst)	2kV / 5kHz
IEC 61000-4-6 (RF conducted)	3V 150kHz...80MHz
Protection degree	IP65

Materials :

Housing	Anodized aluminium
Electrode bracket	Stainless steel
Sensing face	Scratch-resistant PMMA

Status indication :

Power	Green LED
Upper electrode OK	Yellow LED
Lower electrode OK	Yellow LED
Alarm signal (Limit of detection)	Red LED

Connection :

Connector	M12
Connector	M8

Accessories (included) :

1 cap for M8 receptacle (teaching)

Accessories (not included) :

Teaching pocket (BA01)

Detected electrode type :

16mm / 6mm

Autorized force on electrode bracket :

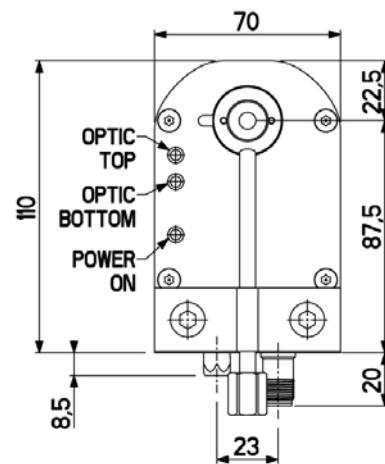
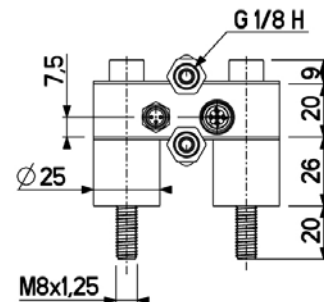
4 kN max.

E1263B6Q110053

Brightness control series
Q110



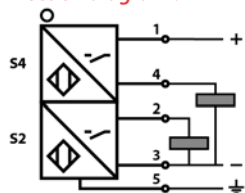
Dimensions :



Truth table :

Détecteur bas Bottom Sensor	Détecteur haut Top Sensor	Sortie S2 Output S2	Sortie S4 Output S4
0	0	0	0
0	1	0	1
1	0	1	0
1	1	1	1

Connection diagram :



Pin assignment :

