

- Sensor area 1000 x 140 mm
- Occupancy rate 0 – 100%
- RS 485 interface
- Output 0 – 10 V



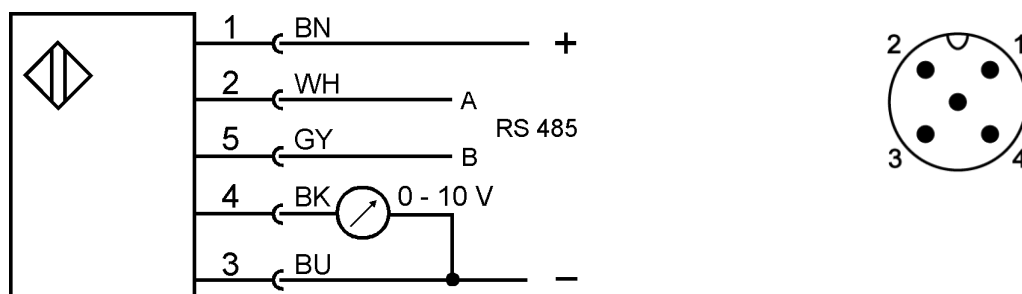
### Product Characteristics

<b>Type</b>	<b>DMU 8101.19 S4</b>
<b>Art.-No.</b>	<b>2316B</b>
<b>Application</b>	Detecting the occupancy rate of metal cans on conveyor belts Conveyer pressure control, Mass conveyor control

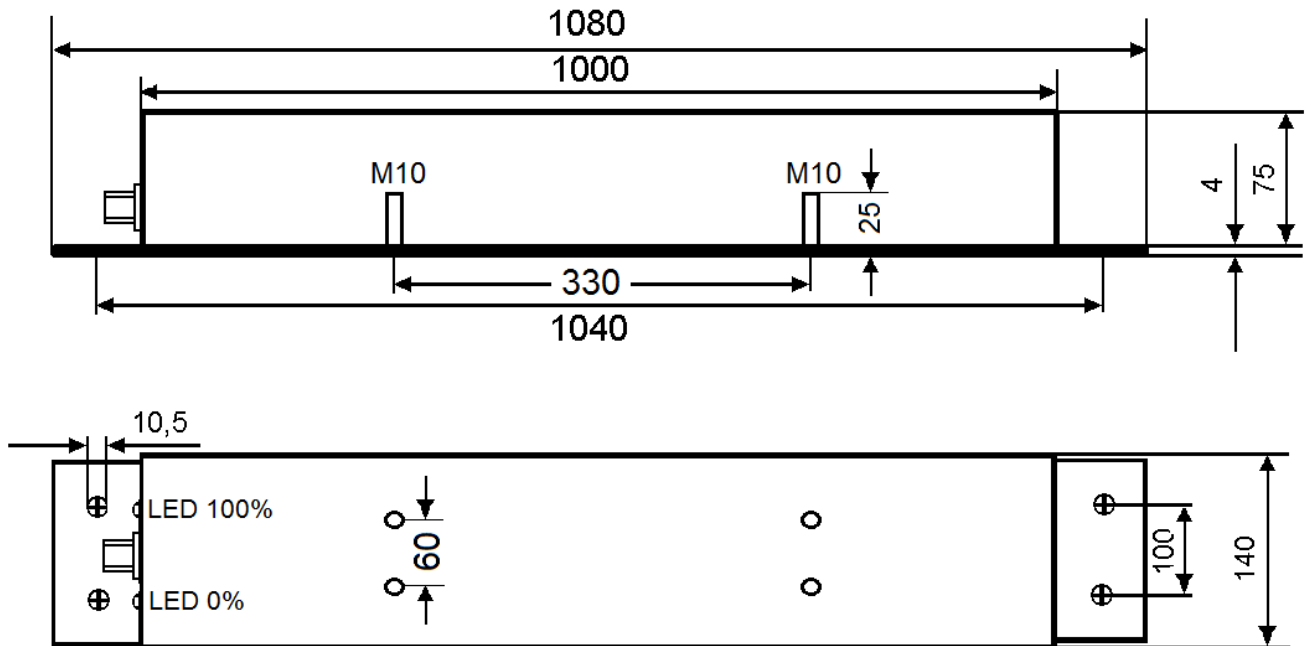
### Technical Data

Analog range max.	0 – 100 % Occupancy
Analog range adjustable	yes
Output	0 – 10 V
Recommended object distance	10 – 15 mm
Location at metal	non flush
Supply voltage (U <sub>B</sub> )	24 V DC ± 20 %
Ripple voltage	max. 15 %
Current consumption	≤ 12 mA
Load impedance	≥ 10K
Ripple content	≤ 1%
Output short-circuit protection	yes
Reverse polarity protection	no
Digital communication	RS 485
Readiness time	1 s
Response delay	ca. 24 ms
Resolution	1 ‰ of final value
Repeatability	≤ 0,5 %
Error of linearity	≤ 3 %
Ambient temperature	-25 ... +50 °C
Error of temperature	< 5%
Protection class (Protection insulated)	IP 67
Connection	plug S4 (M12x1 A)
Housing material	plastic PVC/ aluminum
Functional display	Duo LED red / green
Weight	16,7 kg

### Connection



**Dimension (mm)**



**Accessories (in scope of supply)**

	Type	Art.-No.
-	-	-

**Accessories (not in scope of supply)**

	Type	Art.-No.
Rubber/Metal Buffer	MS 84	9804A
Connection cable with female straight plug S4 (M12 x 1 A) 2 m PVC cable 5 x 0,34 mm <sup>2</sup>	ST 043/5-2	9850C
Connection cable with female straight plug S4 (M12 x 1 A) 5 m PVC cable 5 x 0,34 mm <sup>2</sup>	ST 043/5-5	9850D
Connection cable with female angled plug S4 (M12 x 1 A) 10 m PVC cable 5 x 0,25 mm <sup>2</sup>	ST 041/5-10	9850H
Connection cable with female angled plug S4 (M12 x 1 A) 5 m PUR cable shielded	ST 041/5-5PURS	9850K

**Further information**

	Document
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