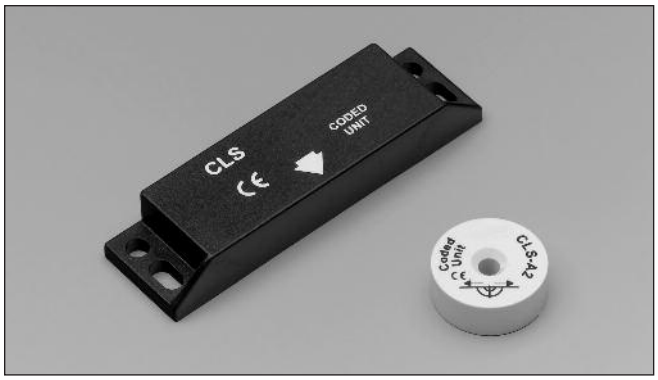
Safety magnetic sensors
Magnetic units
CLS series



- **Multiple flux coded magnets**
- **Rectangular shape (CLS)**
- **Cylindrical shape plastic (CLSA2, CLSA3)**
- **Cylindrical shape metal (CLSA2M)**

Product Description

The coded magnet series includes multiple flux rectangular and cylindrical magnets to be used together with SMS Safety magnetic sensors. Also metallic case is available (CLSA2M).

Ordering Key

CLS A2 M

Safety Magnetic unit
Housing
Case Material

Type Selection

Body shape	Dimensions	Case material	Item code	Item Code (UL)
Rectangular	88 x 25 x 13 mm	Plastic	**CLS**	**CLS D88 P M0**
Cylindrical	Ø 25.1 x 9.3 mm	Plastic	**CLS A2**	**CLS A25 P C0**
Cylindrical	Ø 25.1 x 9.3 mm	Stainless steel	**CLS A2 M**	**CLS A25 M N0**
Cylindrical	Ø 30.0 x 16.0 mm	Plastic	**CLS A3**	**CLS A30 P E0**

General Specifications

Housing
Dimensions

CLS	88x25x13 mm
CLSA2	Ø 25.1 x 9.3 mm
CLSA3	Ø 30.0 x 16.0 mm

Material

CLS, CLSAXXPXX	Plastic
CLSA25M	Stainless steel

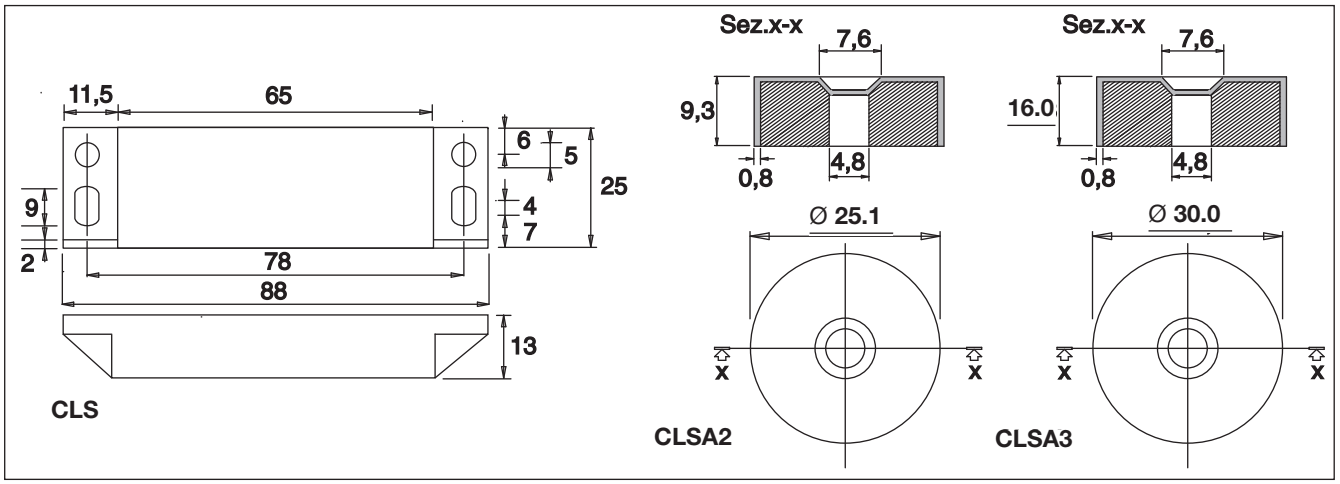
Weight

CLS	Approx. 35 g
CLSA2	Approx. 13 g
CLSA2M	Approx. 25 g
CLSA3	Approx. 18 g

Environment

Degree of protection	IP 67
Operating temperature	-25 to +70 °C
Storage temperature	-25 to +70 °C

Dimensions



8

Safety Magnetic Sensors

Specifications are subject to change without notice (01.02.2008)