

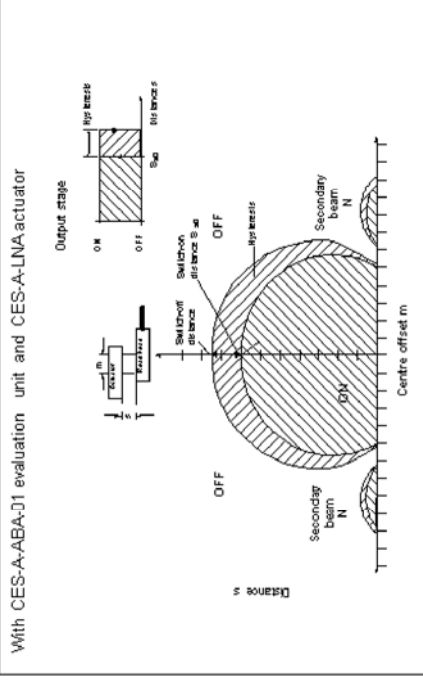
Technical Data:

- Mass 0,0008 kg
- Housing material plastic, PC
- Environmental protection according to EN 60 529 IP67
- Installation method glueing
- Installation position sensing face opposite read head
- Operating temperature -25 °C to +70 °C
- Storage temperature -40 °C to +90 °C for 1000 h
- Power supply inductive via read head

Switching distances with read head cable length from 0 up to 25 m
 (at a cable length of 25 up to 50 m the values for the switch-on distance and the differential hysteresis reduce to 80% of the given value)

Surrounding material	metal free	steel	steel	stainless steel	stainless steel
Mounting		non-flush	flush	non-flush	flush
Switch-on distance sao	6 mm / 7 mm	3,6 mm / 4,4 mm	3,0 mm / 3,6 mm	3,3 mm / 4 mm	2,7 mm / 3,3 mm
Differential hysteresis	0,5 mm / 1,5 mm	0,4 mm / 1,2 mm	0,3 mm / 1,0 mm	0,4 mm / 1,1 mm	0,3 mm / 0,9 mm
Safety switch-off distance sar max.	24 mm	24 mm	24 mm	24 mm	24 mm

Typical operating distance



Note:

- The actuator CES-A-BDA can only be used in combination with the evaluation unit CES-A-ABA-01 and read heads of the type series CES-A-LNA...
- The protection device has to be designed so that up to a distance of sar = 24 mm (safe switch-off distance) danger is excluded.
- The protective device has to be implemented in a way that even in case of displacement of the adhesive joints to the actuator, it is guaranteed that, when opening the protective device, the actuator leaves the operating range with the assured distance > sar.
- Actuator and read head have to be implemented so that the active areas in a switch-on distance of 0,8 x sao or closer with closed protection device (see technical data) have to be opposite.
- To not get into the operating range of the side lobe, a minimum distance of s = 1 mm of actuator and read head has to be kept when approaching from the side.
- Mounting in/on aluminium is not permitted.
- The actuator may not be used as mechanical stop unit.

Adhesives for mounting

1. Two component epoxid glue
 - a) Uhu-Plus
 - b) Scotch-Weld 1614BA, 3520BA, 3533BA
2. Unerobe glue
 - a) Loctite 648

Note!

- Carefully degrease all glueing areas.
- Instantly remove excessive glue.
- When dealing with dissolvers and glues, data sheets and valid rules have to be observed.