

Technical data read heads and actuators design C

Parameter	min.	Value typ.	max.	Unit
Read heads				
Housing material	Reinforced PPS			
Ambient temperature	- 20	-	+60	°C
Degree of protection according to EN 60529	IP 67			
Installation position	Any, alignment with actuator should be kept in mind (markings)			
Connection type	Molded cable with crimped ferrules / plug connector M8			
Switching current	24			V
Switching current I_e	-	-	0.5	A
Method of operation	Magnetic, reed contact			
Mechanical life	100 x 10 ⁶ operating cycles			
Vibration resistance	10 ... 55 Hz, amplitude 1 mm			
Shock resistance	30 g / 11 ms			
EMC compliance	According to EN 60947-5-3			
Center offset m from actuator	± 2.5 mm at a distance of s = 3 mm			
Switch-on distance S_{ao}	See ordering table and operating diagrams			
Switch-off distance S_{ar}				
Contact elements				
Actuator				
Housing material	Reinforced PPS			
Ambient temperature	- 20	-	+60	°C
Degree of protection according to EN 60529	IP 67			
Installation position	Any, alignment with read head should be kept in mind (markings)			
Method of operation	Magnetic			
Vibration resistance	10 ... 55 Hz, amplitude 1 mm			
Shock resistance	30 g / 11 ms			
Center offset m from read head	± 2.5 mm at a distance of s = 3 mm			
Switch-on distance S_{ao}	See ordering table and operating diagrams			
Switch-off distance S_{ar}				

Operating diagrams design C