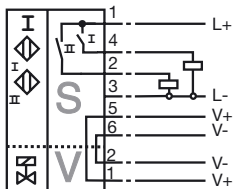




General specifications	
Switching element function	AS-Interface
Rated operating distance s_n	40 mm
Installation	not embeddable
Assured operating distance s_a	0 ... 32,4 mm
Reduction factor r_{AI}	0,5
Reduction factor r_{Cu}	0,45
Reduction factor r_{V2A}	0,85
Nominal ratings	
Operating voltage U_B	26,5 ... 31,9 V via AS-i bus system
Switching frequency f	0 ... 150 Hz
Reverse polarity protection	Protected against reverse polarity
Indication of the switching state	LED, yellow
Standard conformity	
EMC in accordance with	EN 60947-5-2
Standards	EN 50295
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-40 ... 85 °C (233 ... 358 K)
Mechanical specifications	
Connection type	V1-connector
Core cross-section	0.34 mm ²
Housing material	PVC
Sensing face	PVC
Protection degree	IP67

Connection type:

PL1-...-E8



Programming Instructions

Address 00 preset, alterable via Busmaster or programming units
 IO-Code 1
 ID-Code 1

Data bit

Bit	Function
D0	switching state ¹⁾ (0 = damped; 1 = undamped)
D1	not used
D2	oscillator monitoring (0= oscillator defective, 1=normal operation)
D3	not used

Parameter bit

Bit	Function
P0	not used
P1	switching element function ²⁾ (0 = NC; 1 = NO)
P2	not used
P3	not used

¹⁾ Applies to NO funktion (P1 = 1; preset), with NC function (P1 = 0) reversed characteristics
²⁾ Default setting: NO