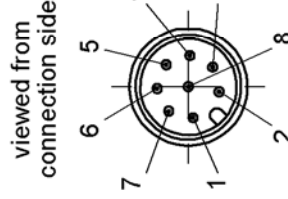


Note:
All the electrical connections must either be isolated from the mains supply by a safety transformer according to IEC/EN 61558-2-6 with limited output voltage in the event of a fault, or by other equivalent isolation measures.



Pin	Connection/signal
1	0V
2	+UB
3	A
4	B
5	C
6	D
7	SKIP
8	Strobe
Shield	Shield
	-

Technical data

Parameter	Value			Unit
	min.	nom.	max.	
Housing	Brass, nickel plated			
Environmental protection IEC 60529	IP 67			
Storage temperature	-25		+70	°C
Ambient temperature	0		+50	°C
Installation method	non flush			
Operating voltage U_B	20		28	V
Current consumption I_B (without load)		110	150	mA
Load current per output I (push-pull)			±30	mA
Output voltage:				
- A, B, C, D, Strobe = 1 (HIGH-Level)	$U_B - 3V$			V
- A, B, C, D, Strobe = 0 (LOW-Level)				V
Input voltage:				
- Skip = 1 (HIGH-Level)	15		U_B	V
- Skip = 0 (LOW-Level)	0		2	V
Input resistance R_i (Skip-Input)	4,5			kΩ
Relative speed for reading 4 decimal digits				
Coding element / reading station		30		m/min