



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.

Colour	Pin	Connection/signal
WH	1	0V
BN	2	+U _B
GN	3	A
YE	4	B
GY	5	C
PK	6	D
BU	7	SKIP
RD	8	Strobe 2
NC	Shield	Shield
		-

Technical data

Parameter	Value			Unit
	min.	nom.	max.	
Housing	Brass, nickel plated			
Environment	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)			2	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
Relativ speed for reading 4 decimal digits				
Coding element / reading station		30		m/min