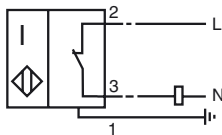
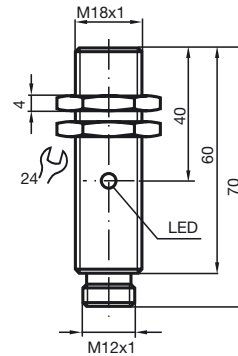


**Model Number**

NBB5-18GM60-WO-V13

**Connection**

WÖ-V13

**Dimensions****Technical Data****General specifications**

Switching element function	AC Break function
Rated operating distance	$s_n$ 5 mm
Installation	embeddable
Assured operating distance	$s_a$ 0 ... 4.05 mm
Reduction factor $r_{Al}$	0.2
Reduction factor $r_{Cu}$	0.15
Reduction factor $r_{V2A}$	0.62

**Nominal ratings**

Operating voltage	$U_B$ 20 ... 253 V
Switching frequency	$f$ 0 ... 20 Hz
Hysteresis	$H$ typ. 6 %
Voltage drop	$U_d$ $\leq$ 8 V
Momentary current (20 ms, 0.1 Hz)	0 ... 1600 mA
Operating current	$I_L$ 5 ... 200 mA
Off-state current	$I_r$ 0 ... 1.7 mA typ.
Operating voltage display	LED, green
Indication of the switching state	LED, yellow

**Standard conformity**

Standards	IEC / EN 60947-5-2:2004
-----------	-------------------------

**Ambient conditions**

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
---------------------	-------------------------------

**Mechanical specifications**

Connection type	V13- connector
Cable version	-
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP67

**Approvals and certificates**

CCC approval	Certified by China Compulsory Certification (CCC)
--------------	---