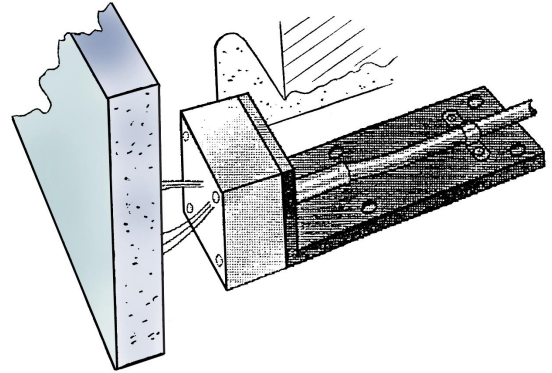


## Inductive Initiator up to 302°F (150°C)

Mi 150 is a silicon free initiator. It is used in high temperature areas with up to 302°F (150°C). Sensor head and cable make a tuned circuit, and the capacity of the sensor cable is included. Mi 150 is long life and easy to install.



### Technical Data\*

	model	switching distance [mm]	cable length [m]	order code
<b>Mi 150</b>	Mi 150-NJ15	15	3	311503
	Mi 150-NJ15		7	311507
	Mi 150-NJ15		10	311510
	Mi 150-NJ15		20	311520
	Mi 150-NJ20	20	3	312003
	Mi 150-NJ20		7	312007
	Mi 150-NJ20		10	312010
	Mi 150-NJ20		20	312020
	Mi 150-NJ25	25	3	312503
	Mi 150-NJ25		7	312507
	Mi 150-NJ25		10	312510
	<b>accessories</b>	Tuchel connector C164 for standard connection		
<b>options</b>	version 117 V AC			330001
	connector Brad Harrison			330002
	version V2A			330003
supply	+24 V DC 12 ... 30 V DC max. 70 mA – ripple max. 3 V			
sensor cable	teflon with external steel mesh protection			
component	Steel St37 with a size of min. 40 x 32 mm ; size of min. 60 x 60 mm (switching distance 25 mm)			
LEDs	LED illuminated when initiated			
operation temperature	sensor head: 32° ... 302°F (0 ... 150°C) electronic module: 32° ... 158°F (0 ... 70°C)			
atmosphere	normal, non corrosive			
humidity	up to 90%, non condensing			
protection	electronic case IP 64			
dimensions	sensor head: 40 x 40 x 112 mm electronic: 80 x 80 x 58 mm (drawings on the back)			
weight	sensor head: 160 g electronic: 360 g (US version: 400 g) sensor cable 70 g/m			
mounting distance	distance sensor-Sensor: min. 30 mm distance sensor-metal: min. 15 mm			

**Warning:** Cable can be disconnected for mounting purposes, length of delivered cable can not be changed!  
Sensor head and electronic module are matched together, interchangeability is not guaranteed!  
Cable is delivered with external steel mesh protection. Since the inside material is teflon, no sharp bending or permanent pressing may be applied!

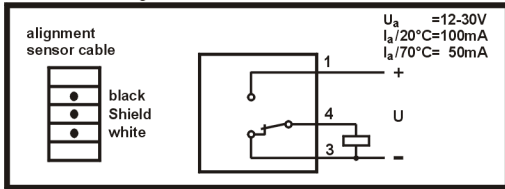
\* subject to alterations

**Pin assignment:**

**Inductive Initiator Mi 150**

sensor head max.150°C  
electronic module max. 70°C

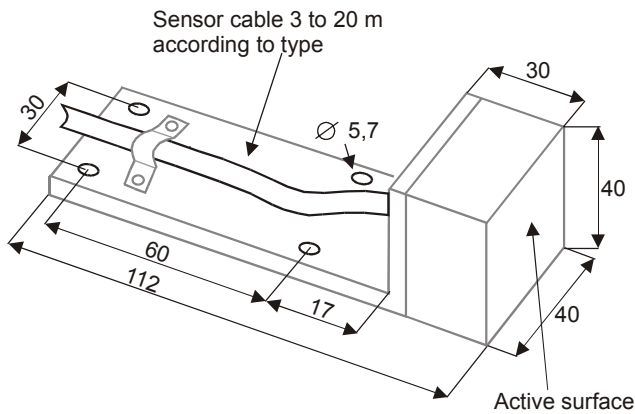
sensor mounting: DIN 43694



Warning: sensor heads must not be exchanged!

**Dimensions:**

**Sensor Head**



Mi 150 can be attached to a metallic base with 4 screws at the fastening angle. The metallic base should be in line with the white teflon cover of the initiator.

**Electronic module**

