

## TBM1.1-020-W1

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	tbm11-020-w1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	2.88 kgs
<b>Product Type</b>	Drive
<b>Signal Type</b>	220
<b>Signal Level</b>	220 V
<b>Relay Specifications</b>	220 VAC
<b>Voltage</b>	220 V

### Description

The Indramat TBM1.1-020-W1 is a high-performance bleeder module designed to efficiently manage and dissipate excess energy in regenerative drive systems. Operating within the TBM series, this module is engineered to absorb regenerated energy from drives operating in generator mode, thereby maintaining system stability and protecting components from voltage spikes. Key features include a peak power rating of 20 kW and an internal air cooling system with a built-in blower, ensuring optimal thermal management during operation. The module is compatible with Indramat's TVM series power supplies, facilitating seamless integration into existing automation systems. Its robust construction and reliable performance make it an ideal choice for industrial applications requiring effective energy management solutions.