



## T-Splitter

*with fixed coupling nut*



While most conventional sensors and actuators use one signal pin, many fieldbus I/O boxes or passive distribution boxes can accommodate two signals per port. The Murrelektronik T-Splitter doubles connection capacity by providing two connectors and simplifies installation with fixed coupling nuts.

By increasing the connection capacity, the T-Splitter dramatically reduces the number of fieldbus I/O or distribution boxes needed by as much as 50%. It lowers equipment expenditures, makes installation easier and saves manpower and maintenance time.

The Murrelektronik T-Splitter simplifies the overall connection configuration, making it more compact and straightforward to maximize space and manpower resources. The T-splitter may be attached to the distribution box and then connected to two cables; or to reduce the number of long cables needed, it can be installed closer to the I/O signals.

Murrelektronik's T-Splitters with fixed coupling nuts are available with a variety of pin outs.

For more details on how Murrelektronik's M12 and M8 T-Splitters can save you time and money, please call your distributor or Murrelektronik's customer service representatives at 888-230-MURR (6877).



### ADVANTAGES OF THE FIXED COUPLING NUT

- Fast, easy installation
- Saves time, space and money
- Slim line design provides equal spacing of M12 ports when using compact M12 distribution blocks. The T-Splitters are equally spaced without touching each other, but it is still possible to install IDC field-wireable connectors.
- Hex nut design facilitates installation with a torque wrench for tight, secure connections
- Adapters available for installation on aluminum profiles

### MURRELEKTRONIK Related Products

Molded Valve



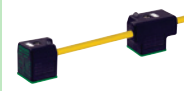
Field Wired IDC



MLA



Molded Double Valve



M12



## T-Splitter M12-M12

Male straight to 2x's Female straight  
Fixed coupling nut



Art. No.	7000-41131-000000	7000-41151-000000	7000-41171-000000	7000-41191-000000
Circuit Diagram	5-pole 1.Female M12 2.Female  Male M12	5-pole 1.Female M12 2.Female  Male M12	4-pole 1.Female M12 2.Female  Male M12	5-pole 1.Female M12 2.Female  Male M12
	Pinout	 Male Female	 Male Female	 Male Female

## T-Splitter M12-M8

Male straight to 2x's Female straight  
Fixed coupling nut



Art. No.	7000-41211-000000	7000-41231-000000
Circuit Diagram	4-pole 1.Female M8 2.Female  Male M12	3-pole 1.Female M8 2.Female  Male M12

### Murrelektronik's Torque Wrench



This torque wrench makes installation very easy and guarantees that the connectors will be tightened correctly to form a secure connection without damaging the seal. It can be used to install Murrelektronik's standard M12 and M8 connectors.

➔ From the control cabinet... via the interface...  
passive and active... into the field  
Murrelektronik has your connectivity solutions