

**PERMANENT TEST STATIONS**

**Types and functions**

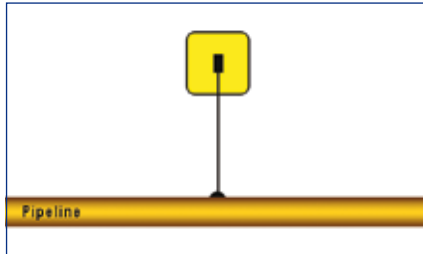
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German Cathodic Protection

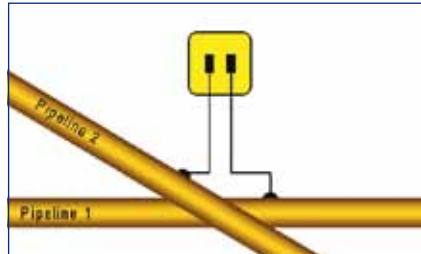


Permanent test stations are installed at selected locations along the protected structure to test, monitor and control the performance of cathodic protection.



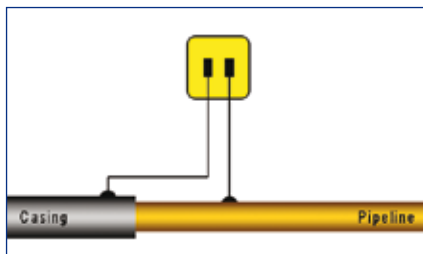
**Type - P -**

For pipe-to-soil potential measurements



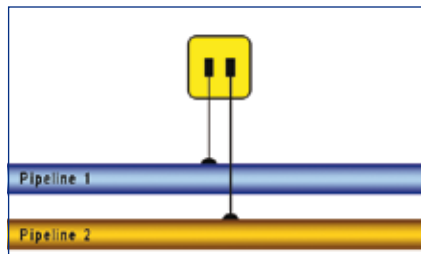
**Type - CR -**

For checking interference between the protected pipeline and other pipelines or structures as well as pipe-to-soil potential measurements



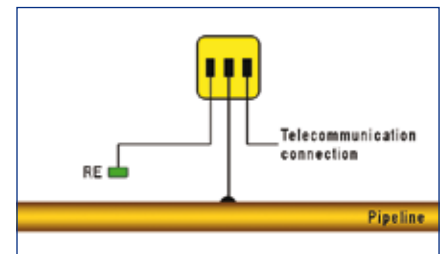
**Type - CA -**

For checking the electrical isolation between pipeline and casing as well as pipe-to-soil potential measurements



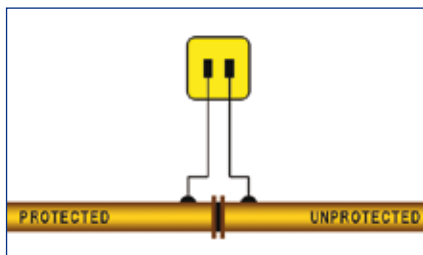
**Type - PB -**

For electrical connection of isolated pipelines using a variable resistor as well as pipe-to-soil potential measurements



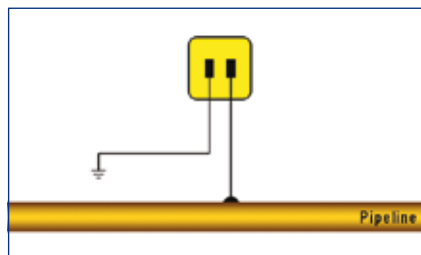
**Type - RM -**

For remote monitoring of pipe-to-soil potential using transmitters



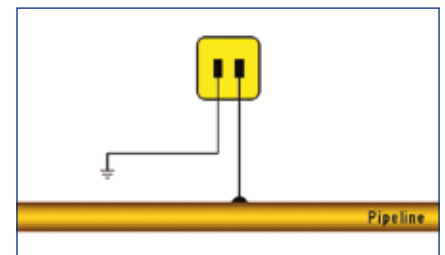
**Type - I -**

For checking the efficiency of insulating flanges or joints as well as pipe-to-soil potential measurements



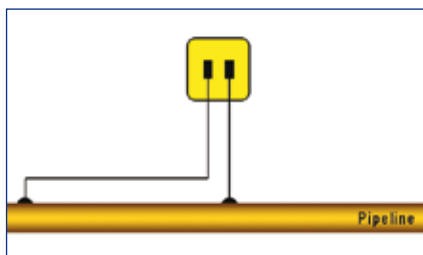
**Type - E -**

For earthing the pipeline interfered by induced high voltage lines by means of lightning arresters as well as pipe-to-soil potential measurements



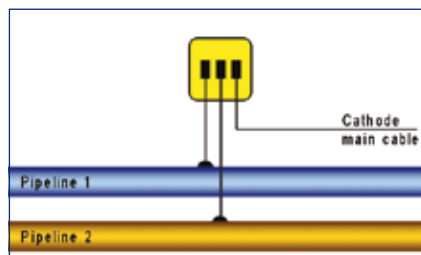
**Type - L -**

For earthing the pipeline interfered by induced high voltage lines by means of diodes and condenser cascades as well as pipe-to-soil potential measurements



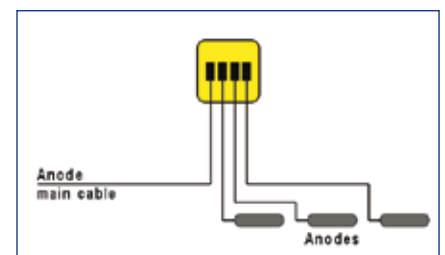
**Type - C -**

For measurement of pipeline current as well as pipe-to-soil potential measurements



**Type - CJB -**

For connection of pipelines or structures with different current requirements using diodes and variable resistors



**Type - AJB -**

For measuring and adjusting output current of individual string anodes using shunts and variable resistors