



1. Differentiation of coated wires from uncoated wires

Wires of approximately 0.12mm in diameter must be coated and it should be monitored, whether the coating is present or not. At this a laser through beam line scan system type **L-LAS-CAM-512-SL** is used. The system comes with a macro lens type **MO-J-8x/9** and a laser transmitter unit type **D-LAS-ED1-9,5x4-T**. The distance from the macro objective to the wire is approximately 75mm and the measurement range is around 1mm due to the use of the macro objective. Thus the resolution of the system is around 0.5µm. As shown in the screen shot a proper differentiation between “coated and uncoated” wire is possible.

