Precautionary Measures
- Do not let the measuring wire rewind without control (snap back).
- Danger of injury from whip lash effect of the wire with assembly bolts/clips, destruction of wire and/or of sensor
- Do not pull the measuring wire over range.
- Damage to or destruction of the sensor is possible.
- Do not damage the measuring wire.
- Do not oil or grease the measuring wire.
- Do not bend the measuring wire.
- Do not pull the measuring wire at an angle.
- Do not fix the measuring wire to the target when wound up.
- Do not loop the measuring wire around objects.
- Do not loop the measuring wire around parts of the body.

Sensor Assembly
Mount the sensor through mounting grooves for nut M4 DIN 934 or bolt M4 DIN 931.
The sensor does not have to be oriented in a special way.
Choose the installation position so that damage and soiling of the measuring wire is avoided.

Proper Environment
- Protection class of sensor: IP 65
- Operating temperature: -20 to +80 °C (-4 to +176 °F)
- Storage temperature: -40 to +80 °C (-40 to +176 °F)
- Humidity: 5 - 95 % (non-condensing)
- Ambient pressure: atmospheric pressure
- Vibration: according to IEC 68-2-6
- Mechanical shock: according to IEC 68-2-27

Cable bending
WDS - P115:
R > 20 (0.79) one time
R > 75 (2.95) alternating
40 (1.57) respectively
100 (3.94) for CAN-bus

Dimensions in mm (inches)
WDS - P115 - U/I/P: dimensions in mm (inches), not to scale
WDS - P115 - HTL/TTL: dimensions in mm (inches), not to scale
WDS - P115 - SSI: dimensions in mm (inches), not to scale
WDS - P115 - CO/PB: dimensions in mm (inches), not to scale

*X9771034-A041115GBR*
If the measuring wire has to be extracted from the sensor to guide the wire (e.g. during adjustment and setting elements). For draw wire sensors with encoder output (E, A) there are no adjust-

For draw wire sensors with encoder output (E, A) there are no adjust-

The sensor contains an additional supplement for detailed information. For further information, please refer to the online documentation. You will find the latest version at: www.micro-epsilon.com/link/wire

The described partly completed machinery is intended for installation in a production line. The commissioning of this partly completed machinery shall be prohibited until the partly completed machinery has been installed in a machine that complies with the provision of the EC Machinery Directive and for which an EC Declaration of Conformity in accordance with Annex II A is available.