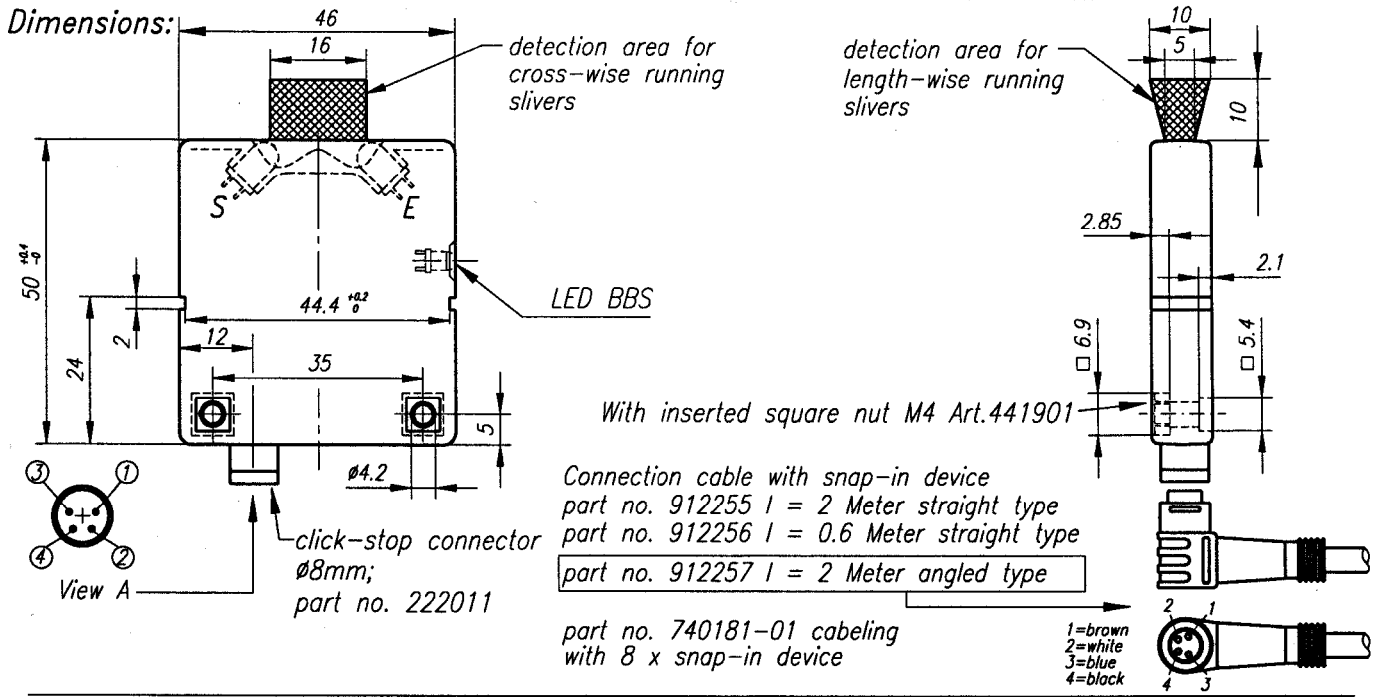
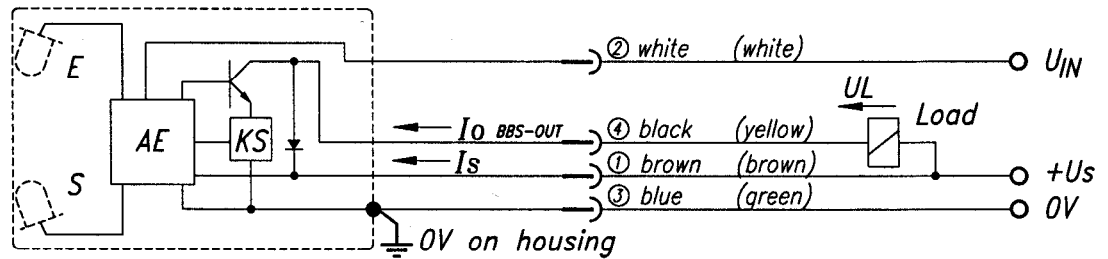


Dimensions:



Connection diagram:



$E=$ IR-receiver $S=$ IR-transmitter $AE=$ detector electronics $KS=$ short circuit protection

Mode 1: sliver break with machine running

Mode 2: no sliver at machine start up

Data:

- E174 Application : For monitoring availability or movement of slivers at speeds higher than 0.5m/sec. (30m/Min)
- E201 Supply voltage U_s : 24VDC \pm 25%; max. Ripple 100Hz: 20% max. Ripple 300Hz: 20%
- E320 Supply current I_s : max. 35 mA
- E422 Power ON delay t_{pon} : = t_{r1} resp. t_{r2}
- E551 Reaction time t_{r1} : t_{r1} = approx. 0.2 sec. (after sliver movement has stopped or sliver is missing).
- E552 Reaction time t_{r2} : t_{r2} = approx. 0.2 sec. (after missing sliver)
- E641 Current I_o : sliver O.K. $I_o = 0A$
sliver not O.K. after t_{r1} resp. t_{r2} : I_o max. = 50 mA
- E745 Load voltage U_L : $U_L \geq U_s - 3V$
- E827 Function of the LED : LED BBS ON: sliver not O.K.
- E904 Delay time t_d ; after the yarn begins to run: t_d max. = 0.25 sec.
- E1203 Control input U_c : U_{IN} 0V-5V = sliver movement monitor
 U_{IN} 10V-24V = sliver availability monitor
- E1900 Installation : sliver detector must be well grounded with solid fixing bracket.

Yarn detector opt. IR.-refl. 8112AC 635D	EUROPEAN PROJECTION	drawn date/name 2002.10.28 Mo.Aebi	article number 8112'0078	status 00
HebCon GmbH / Switzerland		designer date/name 28.10.2002		