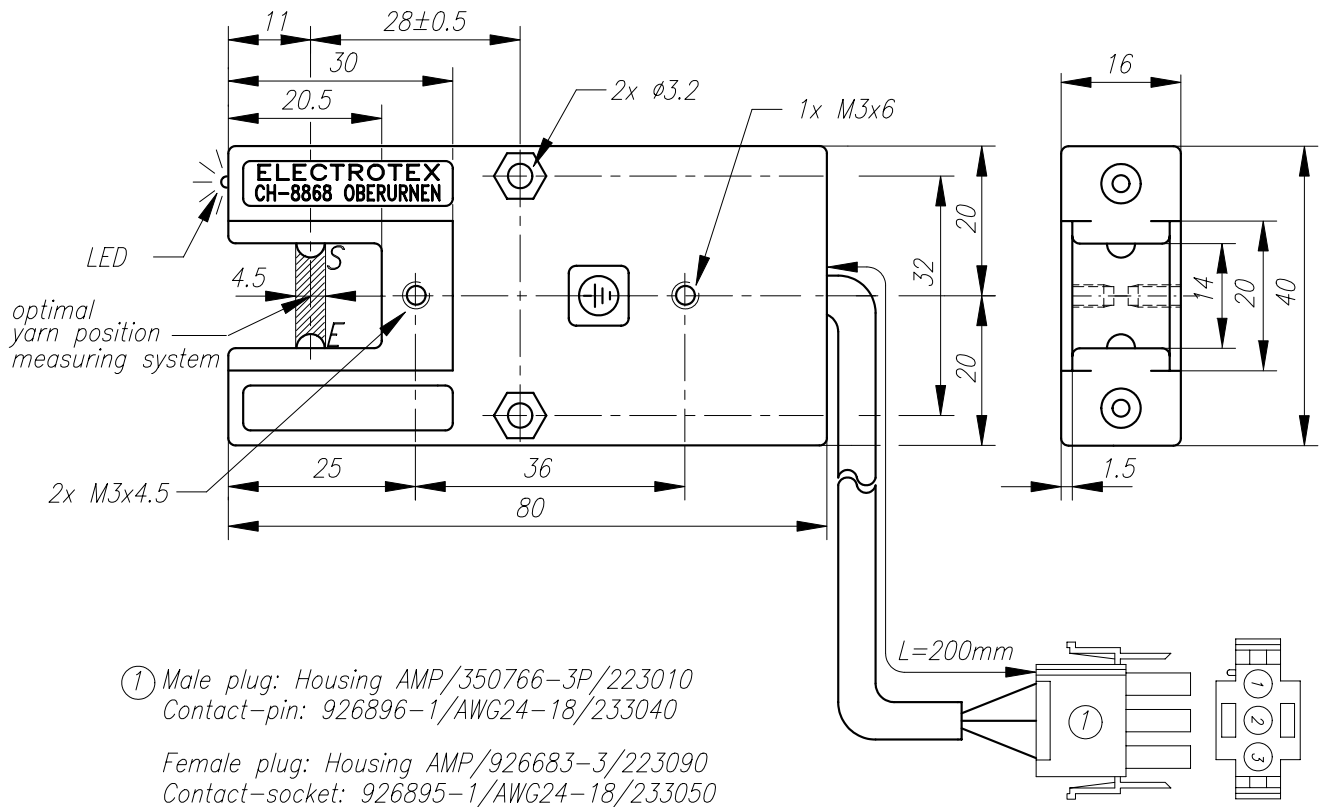
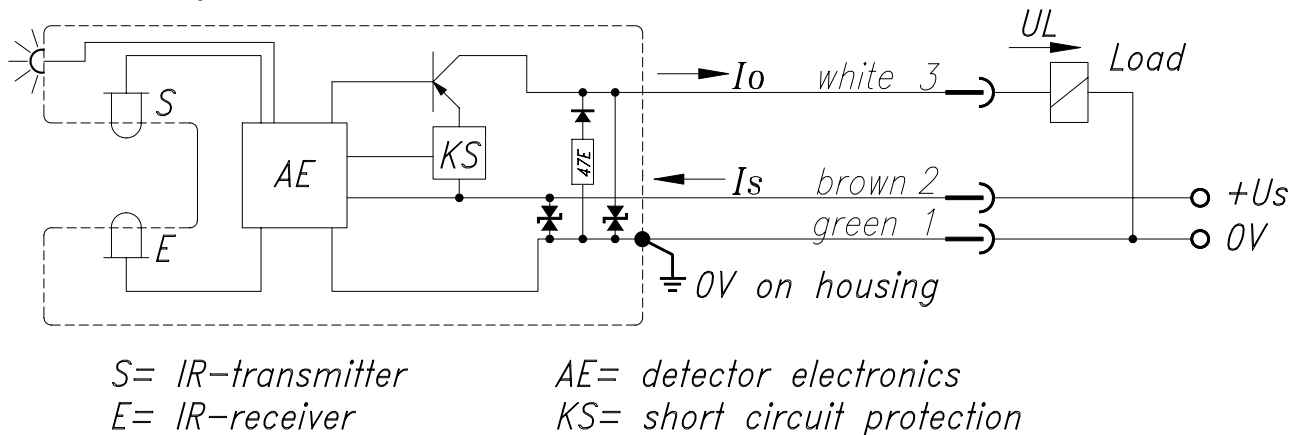


Dimensions:



Connection diagram:



Data:

- Application : For slow running staple fibre yarns and continuous filaments. The yarn detector is working independent of material, spinnish and titer. Optimal yarn position = center of optical measuring system.
- Supply voltage U_s : 24VDC ± 25%; max. Ripple 100Hz: 20% max. Ripple 300Hz: 20%
- Supply current I_s : $I_o + 25 \text{ mA}$
- Power ON delay t_{pon} : = tr
- Reaction time tr : tr = ca. 0.5 sec. (after yarn break)
- Current I_o : yarn is running: $I_o = 0A$
yarn is not running, after reaction time tr: $I_o = \text{max.} 1.6A \text{ } 10\%ED$;
 $I_o = \text{max.} 0.5A \text{ } 100\%ED$
- Load voltage UL : $UL = U_s - 3V$
- Function of the LED : illuminated if yarn is not running
- Delay time t_d ; after yarn begins to run: $t_d \text{ max.} = 0.05 \text{ sec.}$
- Mounting : Yarn detector must be properly grounded to the machine body by means of the mounting bracket. (Minimum cross-section of mounting bracket: 20mm x 1.5mm).

Yarn detector opt. 8103B 452F	EUROPEAN PROJECTION	drawn date/name 2003.04.28 G.Schneider	article number 8103'0018	status 04
HebCon GmbH / Switzerland		designer date/name		