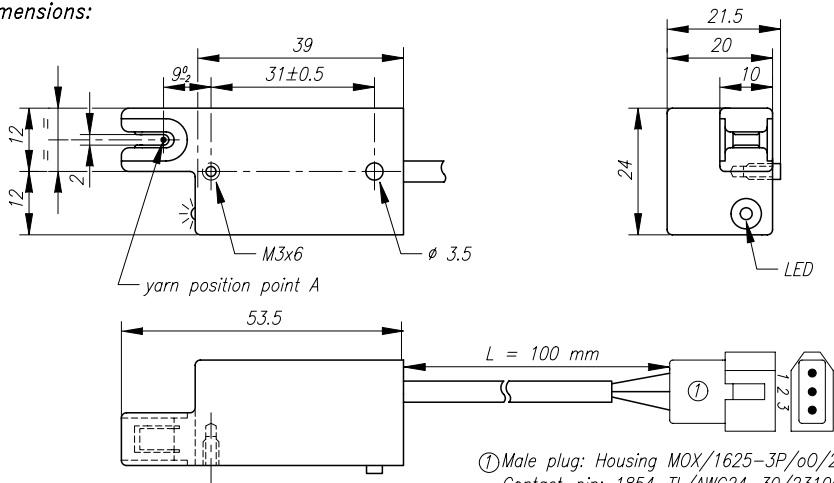


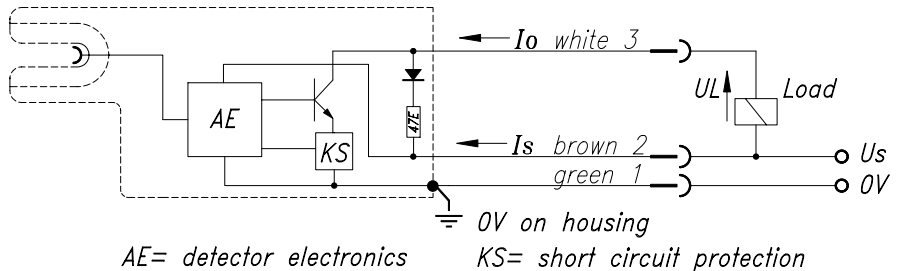
Dimensions:



① Male plug: Housing MOX/1625-3P/oO/221370
Contact-pin: 1854-TL/AWG24-30/231050

Female plug: Housing MOX/1625-3R/oO/221280
Contact-socket: 1855-TL/AWG24-30/231090
socket: 1561-TL/AWG18-24/231100

Connection diagram:



Data:

- Application** : For staple fibre yarn and filament yarn at speeds higher than 7m/sec. (420m/Min.). The detector is working independent of titer, as long as the yarn is touching the bottom of the yarn guide at point A.
- Supply voltage U_s** : 24VDC \pm 25%; max. Ripple 100Hz: 100% max. Ripple 300Hz: 20%
- Supply current I_s** : max. 8 mA
- Power ON delay t_{pon}** : ca. 2 sec; after switching - ON the supply voltage U_s
- Reaction time t_r** : t_r = ca. 0.8 sec. (after yarn break)
- Current I_o** : yarn is running: I_o = 0A
yarn is not running, after reaction time t_r : I_o = max.1.6A 10%ED;
 I_o = max.0.5A 100%ED
- Load voltage U_L** : U_L = U_s - 3V
- Function of the LED** : illuminated if yarn is not running
- Delay time t_d** ; after the yarn begins to run: t_d max. = 1 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 8532N 386V	drawn date/name	98.11.06 G.Schneider	Artikelnummer	status
HebCon GmbH / Switzerland	designer date/name		8532'0104	00