

# Accessories

The IR beam length within the right angle mirror is 18 mm (0.7 in.) which needs to be considered for spot size calculations.

## 10.2.6 Protective Windows

Protective windows can be used to protect the sensing head from dust and other contamination. The protective window can be directly screwed onto the sensing head. It has an outer diameter of 17 mm (0.67 in).

The following table provides an overview of the available windows.

Order number	Material	Transmission	T <sub>ambient</sub>
XXXMIACPW	holder: stainless steel window: Zinc Sulfide (visually transparent, flat)	0.75 ±0.05 (for LT, G5 models)	180°C (356°F)
XXXMI3ACPWP	holder: stainless steel window: Polymer (milky transparent, flat)	0.7 ±0.02 (LT models only)	65°C (149°F)

Table 6: Available Protective Windows



For correct temperature readings, the transmission of the protective window must be set via the control panel in the communication box. See section 8.2 <Head> Page, page 48!  
Make sure the measuring head and the protection window are at the same temperature!



Figure 65: Protective Window

## 10.2.7 Close Focus Lens

The close focus lens is designed to get very small measurement spots down to 0.5 mm (0.02 in). The lens should be used for LT models only.

The close focus lens has an outer diameter of 17 mm (0.67 in) and can be directly screwed onto the sensing head.

Order number	Material	Transmission	T <sub>ambient</sub>
XXXMI3ACCFL	holder: stainless steel window: Silicon (visually opaque, curved)	0.75 ±0.05 (for LT models)	180°C (356°F)

Table 7: Close Focus Lens