

LASER REFRACTOMETER LR.15/16 TF



The Laser refractometer ACM LR.1x - worldwide known as high accurate Inline °BRIX/O.G. meter in beverage and beer sector - is now available in a new version for tank flange mounting.

LR.15/16 TF serves the monitoring of mixing processing in stirred tanks, for end product quality monitoring prior packing, or the surveillance of all in several process steps involved vessel and tanks.

The combination of newly developed optics and electronics lead to the extreme compact cylindrical design.

By the help of the ACM tank flange adapter the LR is looming deeper in the tank which enables optimum flow conditions. During mixing process a highly accurate concentration determination is now possible!

LR.15/16 TF is also applicable for classic monitoring tasks under straitened conditions.

Technical Data

Dimensions:	210 x 81 mm
Weight:	2,1 kg
Mounting:	via ACM tank flange adapter or Inline Varivent
Power supply:	24VDC; 0,3 A
Max. nominal pressure:	10 bar
Cleaning:	Common CIP, up to 130 °C
Measuring ranges, accuracies & resolutions:	LR.15: 0 - 30 °BRIX; +/- 0,01 °BRIX; +/- 0,005 °BRIX LR.16: 0 - 75 °BRIX; +/- 0,02 °BRIX; +/- 0,01 °BRIX
Temperature working range:	0 - 50 °C
Data display:	Graphic display amber with background lighting, 102 x 64 Pixel
Output signal:	RS 485, 4-20 mA, Profibus DP and DeviceNet

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