

# XSA-V Détecteurs de proximité pour contrôle rotation / Proximity sensors for rotation monitoring



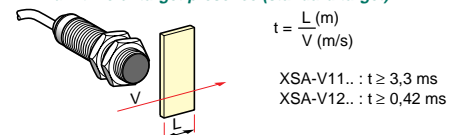
## Caractéristiques électriques / Electrical characteristics

<b>Type de détecteurs / Detector type</b>	XSA-V 11373 12373	XSA-V 11801 12801
<b>Plages de tension / Voltage limits</b>	DC 3 fils PNP 3 wires	AC/DC 2 fils * 2 wires
<b>Courant commuté / Switching capacity</b>	10...58V	20...264V
<b>Protection surcharges et courts-circuits / Overload and short circuit protection</b>	oui yes	non no
<b>Tension de déchet / Drop voltage</b>	≤ 1,8V	≤ 5,7V
<b>Courant résiduel / Residual current</b>	-	≤ 1,5 mA
<b>Courant consommé sans charge / Current consumption, no load</b>	≤ 15 mA	-
<b>Gamme de température / Temperature range</b>	-25...+70 °C	

**\* Nota :** appareils AC/DC. Ces appareils n'étant pas protégés contre les surcharges et courts-circuits, il est conseillé de mettre en série sur fusible à action rapide XUZ-E06 /  
**Note :** AC/DC sensors. These sensors are not protected against overload or short-circuit and therefore, it is recommended that a "quick-blow" fuse (XUZ-E06) be connected in series with the load.

## Mise en œuvre / Setting-up procedure

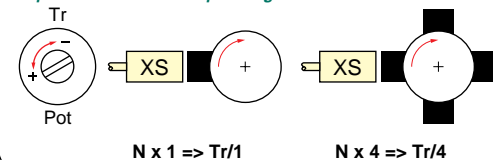
**Temps minimum de présence d'un écran normalisé / Minimum time of target presence (standard target)**



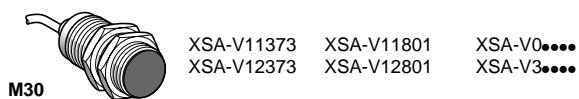
## Temps de réponse / Response time

Version lente : réglé à 6 impulsions / min. : tr = 10 secondes  
 réglé à 150 impulsions / min. : tr = 0,4 secondes  
 Version rapide : réglé à 120 impulsions / min. : tr = 0,5 secondes  
 réglé à 3000 impulsions / min. : tr = 0,02 secondes  
 Low speed version : set at 6 impulses / min. : tr = 10 seconds  
 set at 150 impulses / min. : tr = 0.4 seconds  
 High speed version : set at 120 impulses / min. : tr = 0.5 seconds  
 set at 3000 impulses / min. : tr = 0.02 seconds

## Relation temps de réponse / Nombre d'écrans / Response time relationships / Target number



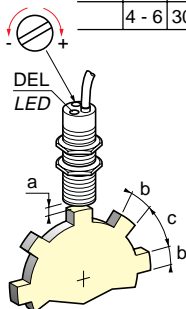
## XSA-V Contrôle de rotation / Rotation monitoring



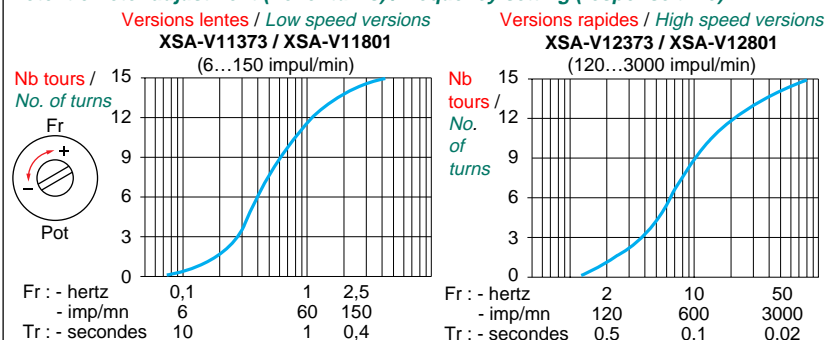
<b>E (mm)</b>	<b>C (Nm)</b>	<b>e1 (mm)</b>	<b>e2 (mm)</b>	<b>e3 (mm)</b>	<b>e4 (mm)</b>	<b>H (mm)</b>	<b>L1 (mm)</b>	<b>L2 (mm)</b>
36	≤ 40	≥ 20	≥ 120	e ≥ 30	e4 ≥ 30	H ≥ 0	81	66

## Mise en œuvre standard / Setting-up procedure

mm	a	b	c
	4 - 6	30x30	60

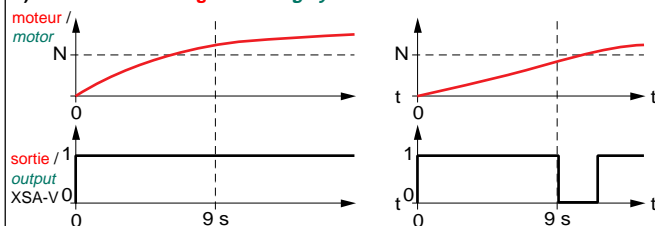


## Rotation du potentiomètre (nbre de tours) / fréquence de réglage (tps de réponse) / Potentiometer adjustment (no. of turns) / frequency setting (response time)

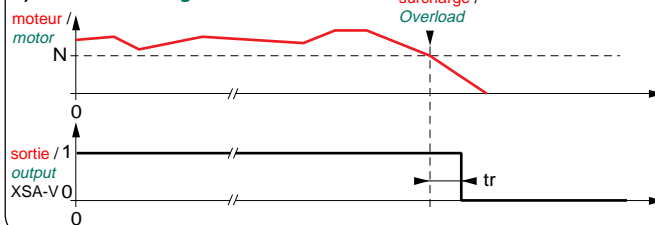


## Chronogrammes de fonctionnement / sauf versions XSA-V0... / Response time charts

### 1) Phase de démarrage / Starting cycle

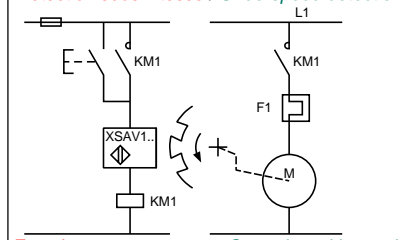


### 2) Marche / Running



## Exemples de schémas de branchement / Examples of wiring schemes

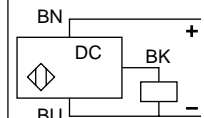
### Détection sous-vitesse / Underspeed detection



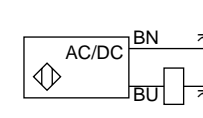
**Fonctionnement avec coupure d'alimentation et arrêt en cas de surcharge. Redémarrage manuel.**

**Operation with supply disconnection and stopping in the event of an overload. Manual restart.**

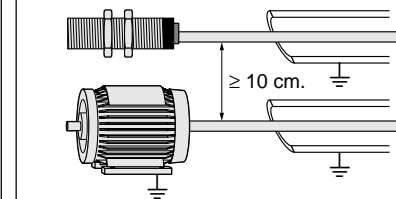
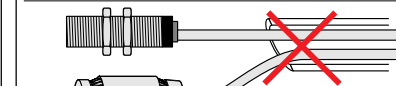
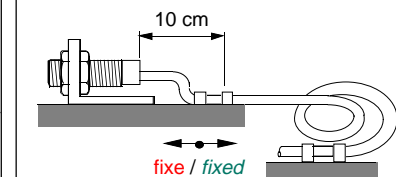
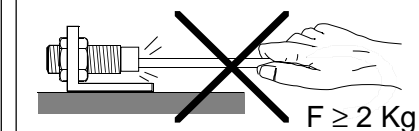
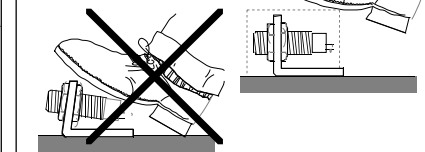
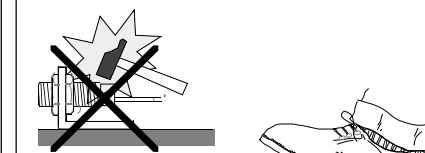
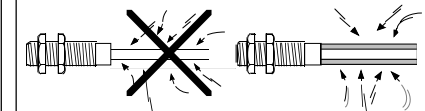
### XSA-V11/123



### XSA-V11/128



## PROTECTIONS / MOUNTING PRECAUTIONS



BU : bleu, blue, blau, blu, azul, bla, blauw, μπλε  
 BN : brun, brown, marrón, castanho, brun, bruin, καφέ  
 BK : noir, black, schwarz, nero, negro, preto, svart, μαύρο